



M12 LED Overmolded Cable

Product Catalogue





Contents



IP67
68 / 69K



UL 94-V0



Data
Transmission



IEC
Standard



Fully
Shielded



UV
Resistant



UL 1977
UL 2238
UL 1863



Space
Saving



Push Pull
Mechanism

1	Product Selection Guide
11	Served Markets & Applications
15	Our Service
21	Markets / Applications
23	Product Range Overview
25	Contact Configuration
27	M12 LED Overmolded Cable
90	Accessories
96	Customization
97	Assembly Instruction
102	Cable List
105	UL Style
111	FAQ and Lexicon

Product Selection Guide

Circular (Ceres, X-Lok, M)

	Mating Style						Materials	No. of Contacts	Contacts		Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	High Speed		Salt Spray (Connector, Mated)
	2 Points Lock	3 Points Lock	Push Lock	Push Pull	Screw Thread	Others			Gold Plated	Silver Plated					Cat. 5e	Cat. 6A	
Ceres Series																	
Mini	•				•		B	2-6	•		250V	2A-5A	26-24	2,000			500h
Standard	•				•		B	2-12	•		250-600V	2A-10A 5A+2A 10A+5A	26-20	2,000			500h
Middle	•	•			•		P	2-18	•	•	250-600V	2A-20A 5A+2A 10A+2A 10A+5A	24-14	2,000			500h
Large	•				•		B	2-22	•	•	250-600V	2A-20A 20A+2A 20A+5A	26-16	2,000			500h
Macro	•						P	31	•		200V	5A	26	2,000			500h
PLD			•				P	2-4	•		250V	5A	26-20	2,000			500h
MAB	•						P	4	•		250V	10A	20	2,000			500h
GBD		•					P	8	•		250V	10A+5A	20-24	2,000			500h
X-LOK Series																	
Mini / LED			•				B	2-33	•		30-630V	0.5A-16A	32-14	1,000	•	•	1000h
Standard			•				P	2-8	•		300-600V	5A-10A 10A+5A	26-16	1,000			1000h
Middle			•				P	2-12	•	•	300-600V	5A-20A 10A+5A	26-12	1,000			1000h
Large			•				B	2-100	•	•	60V (0.5A) 300-600V	0.5A-20A 20A+5A 50A 50A+5A	32-6	1,000			1000h
Macro			•				P	4-31	•	•	300-600V	5A 50A+5A 80A+5A	22-2	1,000			1000h
M Series																	
M5					•		M	3-6	•		60V	1A	28-26	1,000			48h
Guided M8 / LED					•	Snap-in	B	2-6	•		30-60V	2A-4A 3A+1.5A	24-22	1,000			48h
M8 / LED					•	Snap-in	B	3-13	•		30-60V	0.5A-4A	32-22	1,000			48h
M10.5					•		M	2-5	•		30V	2A	24	1,000			48h
M12 A / LED				•	•		B	3-28	•		30-250V	0.5A-4A	30-22	1,000	•		48h
M12 B / LED				•	•		B	5	•		60V	4A	26-22	1,000			48h
M12 D / LED				•	•		B	4	•		250V	4A	26-22	1,000	•		48h
M12 I				•	•		B	5	•		60V	4A	22	1,000			48h
M12 K / LED				•	•		B	3-5	•		630V	12A, 16A	14	1,000			48h
M12 L / LED				•	•		B	2-5	•		63V	16A	14	1,000			48h
M12 M / LED				•	•		B	3-6	•		630V	8A	16	1,000			48h
M12 S / LED				•	•		B	3-4	•		630V	12A	16	1,000			48h
M12 T / LED				•	•		B	2-4	•		63V	12A	16	1,000			48h
M12 X				•	•		M	8	•		30-60V	0.5A	26	1,000		•	48h
M12 Y				•	•		B	8	•		60V	0.5A / 6A	20, 26	1,000			48h
M23					•		M	6	•		600V	28A	14-12	1,000			48h

Remarks:

Materials: P (Plastic), M (Metal), B (Both)

Product Selection Guide

	(R0) Receptacle						(FI) Field Installable						OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Standard / Compliant	Certifications	Operating Temperature & IP Rating
	Solder	Crimp	SMT	PCB 180	PCB 90	RW	RC	Solder	Crimp	Screw In	Push In	IDC									
Ceres Series																					
Mini	•			•			•	•					•	•	•	(2)	•	•			
Standard	•			•	•		•	•	•				•	•	•	(2)	•	•	UL1977	◦ R0 : -40°C - 105°C, IP67 (Unmated)	
Middle	•			•			•	•	•				•	•	•	(2)		•	UL1977	◦ RW : -20°C - 85°C, IP67 (Unmated)	
Large	•			•				•	•	•			•	•	•	(2)	•	•	UL1977	◦ OC : -20°C - 85°C, IP67 (Mated)	
Macro	•			•									•	•	•	(2)		•	UL1977	◦ FI : -40°C - 105°C, IP67 (Mated)	
PLD	•								•					•	•	(2)		•			
MAB													•	•	•	(2)		•			
GBD													•	•	•	(2)		•			
X-LOK Series																					
Mini / LED	•			•	•			•	•	•	•		•	•	•	(2)	•	•			
Standard	•			•				•	•	•	•		•	•	•	(2)	•	•			
Middle	•			•				•	•	•	•		•	•	•	(2)		•	CSA, UL1977, UL2238, UL50e	◦ R0 & RW : -40°C - 105°C, IP68 (Unmated)	
Large	•			•				•	•	•	•		•	•	•	(2)	•	•			
Macro	•	•		•					•	•			•	•	•	(2)		•			
M Series																					
M5	•			•	•	•							•	•	•	(1)		•	IEC 61076-2-105	◦ R0 : -40°C ~ 105°C, IP67 (Mated / Unmated), IP68 (Unmated), IP69K (Mated)	
Guided M8 / LED	•		•	•	•	•		•	•	•		•	•	•	•	(1)	•	•			
M8 / LED	•		•	•	•	•		•	•	•		•	•	•	•	(1)	•	•	IEC 61076-2-104		
M10.5	•					•							•	•	94-HB	(1)		•			
M12 A / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101		
M12 B / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101		
M12 D / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101		
M12 I	•			•				•					•	•	94-HB	(1)		•			
M12 K / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111		
M12 L / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111		
M12 M / LED	•		•	•	•	•		•	•	•			•	•	•	(1)	•	•	IEC 61076-2-111		
M12 S / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111		
M12 T / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111		
M12 X			•	•	•	•		•	•			•	•	•	•	(1)	•	•	IEC 61076-2-109		
M12 Y				•	•	•		•					•	•	•	(1)	•	•	IEC 61076-2-109		
M23		•							•				•	•	•	(1)	•	•			

Remarks:
Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **RC** (Receptacle With Overmolded Cable), **OC** (Overmolded With Cables), **FI** (Field Installable)
Vibration: **(1)** 10-500 Hz @Amplitude 0.35mm; **(2)** 10-55Hz @Amplitude 1.52mm
Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Circular (FLOS, Power, RBL)

	Mating Style						Materials	No. of Contacts	Contacts		Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	(R0) Receptacle		
	2 Points Lock	3 Points Lock	Push Lock	Push Pull	Screw Thread	Others			Gold Plated	Silver Plated						Solder	Crimp	Screw In
FLOS Series																		
B				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	144h	•		
K				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	144h	•		
K (FLOS+)				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	1000h	•		
C				•			M	2-19	•		160-700V	1.5A-20A	28-16	3,000	144h	•		
S				•			M	1	•		260-1000V	15A	28-16	3,000	144h	•		
Y				•		Break Away	M	2-26	•		260-1000V	5A-14A	28-16	5,000	96h	•		
P				•			P	2-14	•		200-400V	2A-10A	28-16	2,000		•		
N				•			M	2-19	•		200-800V	5A-22A	28-16	3,000	144h	•		
Power Series																		
PWE					•		P	5-7	•		277V	8A	20-17	500	500h	•		
PWF					•		P	2-4	•		277V	12A	18-15	500	500h	•		
PWG					•		P	4	•		277V	16A	18-14	500	500h			•
PWC	•	•					P	3	•		277V	20A	14-12	500	500h	•		
PWCU	•	•					P	4 & 12	•		277V	20A+2A	14-12, 24-22	500	500h	•		
PWH		•			•		P	3, 5	•		660V (AC) 1000V (DC)	25A	12	500	500h		•	•
PWL		•					P	3	•		300V	30A	14-8	500	500h			•
PWM		•					P	2	•		600V	50A	9-8	500	720h	•		
PWMU		•					P	2+2, 2+4	•		600V	50A+2A	9-8, 22-20	500	720h	•		
PWN		•					P	2	•		600V	70A	8-6	500	720h	•		
PWNU		•					P	2+2, 2+4	•		600V	70A + 2A	8-6, 22-20	500	720h	•		
PWP		•					P	2 & 3	•		600V	80A	4	500	720h		•	
PWPD		•					P	2+2, 2+4, 3+2, 3+4	•		600V	80A+5A	4, 20	500	720h		•	
PWX		•					P	9 (30A) 14 (30A+5A) 5 (50A) 12 (50A+5A) 4 (80A) 7 (80A+5A)		•	300-600V	30A, 30A+5A 50A, 50A+5A 80A, 80A+5A	22-20, 14-8, 9-8, 4	500	720h		•	
RBL Series																		
Middle			With Latch				P	2-9	•		300V	5A-10A 10A+5A	20-16	250	48h			
Large			With Latch				P	2-18	•		300V	5A-20A 20A+5A	24-12	250	48h			

Remarks:

Materials: P (Plastic), M (Metal)

Assemble Style: R0 (Receptacle)

Product Selection Guide

	(R0) Receptacle		RW	(FI) Field Installable			OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
	PCB 180	PCB 90		Solder	Crimp	Screw In									
FLOS Series															
B	•	•		•	•		•		•	(2)	•	•		IP50 (Mated)	◦ R0 : -40°C - 125°C ◦ OC : -20°C - 85°C ◦ FI : -40°C - 125°C
K	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
K (FLOS+)	•	•		•	•		•		•	(2)	•	•		R0 : IP68 (Unmated) OC : IP68 (Mated) FI : IP68 (Mated)	
C	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
S	•	•		•	•		•		•	(2)	•	•		IP50 (Mated)	
Y	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
P	•	•		•	•		•	•	•	(2)		•		IP50 / IP66 (Mated)	
N	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
Power Series															
PWE				•			•		94-HB	(2)		•	UL1977	IP67 / IP68	◦ R0 : -40°C - 105°C ◦ OC : -20°C ~ 80°C ◦ FI : -40°C ~ 105°C
PWF				•			•		94-HB	(2)		•	UL1977, TUV	IP67 / IP68	
PWG						•	•		•	(2)		•	UL1977	IP67 / IP68	
PWC				•		•	•	•	•	(2)		•	UL1977, TUV/UL2238	IP67 / IP68	
PWCU				•			•	•	•	(2)		•	UL1977, TUV	IP67 / IP68	
PWH					•	•	•	•	•	(2)		•	UL1977, UL6703A, TUV	IP67 / IP68	
PWL				•		•	•	•	•	(2)		•	UL2238/UL1977	IP67 / IP68	
PWM						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWMI						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWNI						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWNU						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWP					•		•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWPD					•		•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWX					•		•	•	•			•	UL1977	IP69K (Mated)	
RBL Series															
Middle			•		•		•	•	•	(2)		•	UL1977	RW : IP68 (Unmated) OC : IP68 (Mated) FI : IP67 (Mated)	◦ RW : -40°C ~ 105°C ◦ OC : -20°C ~ 80°C, Data: -20°C ~ 80°C Power: -20°C ~ 105°C Hybrid: -40°C ~ 105°C
Large			•		•		•	•	•	(2)		•			◦ FI : -40°C ~ 105°C

Remarks:

Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Vibration: (2) 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Circular (HS-Lok, NMEA 2000, Mini, Heavy Duty Shielded)

	Mating Style		Materials	No. of Contacs	Contacts Gold Plated	Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	(R0) Receptacle			
	Push Pull	Screw Thread									Solder	PCB 180	PCB 90	RW
HS-Lok Series														
Q8	•		B	2-6	•	100V (DC), 300V, 300V (AC) + 100V (DC)	2A 5A 5A+2A	24-20	2,000	500h	•			
NMEA 2000														
Lite (Micro)	•	•	B	5	•	60V	4A	16*1P+20*1P 18*1P+22*1P 22*1P+24*1P	Push Pull 500, Screw Thread 1,000	Metal: 48h Plastic: 1,000h	•	•	•	•
Heavy (Mini)		•	M	4-5	•	600V	8A	15*1P+18*1P 16*1P+18*1P	1,000		•	•		
7/8" Mini														
7/8" Mini		•	M	2, 2+PE, 4, 4+PE, 6	•	600V	8A-13A	16	1,000	48h	•	•		•
Heavy Duty Shielded														
Heavy Duty Shielded		*	M	2-14	•	50-300V	5A-40A	22-8	1,000	48h / 500h	•			

Remarks:

Materials: **M** (Metal), **B** (Both)

Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires)

Product Selection Guide

	(FI) Field Installable				OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
	Solder	Crimp	Screw In	Push In									
HS-Lok Series													
Q8	•				•	•	(2)			•	UL2238, UL50e	R0: IP68 (Unmated) OC: IP68 (Mated) FI: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ OC: -40°C - 105°C ◦ FI: -40°C - 105°C
NMEA 2000													
Lite (Micro)			•	•	•	•	(1)	•	•	•	NMEA 2000	R0: IP68 (Unmated) RW: IP68 (Unmated) OC: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ RW: -20°C - 85°C ◦ OC: -20°C - 85°C
Heavy (Mini)			•	•	•	94-HB	(1)	•	•	•	NMEA 2000	FI: IP67 (Mated)	◦ FI: -40°C - 105°C
7/8" Mini													
7/8" Mini	•	•	•		•	•	(1)			•		R0: IP68 (Unmated) RW: IP68 (Unmated) OC: IP68 (Mated) FI: IP67 (Mated)	◦ R0: -40°C - 105°C ◦ OC: -40°C - 105°C ◦ FI: -40°C - 105°C
Heavy Duty Shielded													
Heavy Duty Shielded	•				•	•	94-HB	(1)	•	•		R0: IP68 (Unmated) OC: IP68 (Mated) FI: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ RW: -20°C - 85°C ◦ OC: -20°C - 85°C ◦ FI: -40°C - 105°C

Remarks:

Assemble Style: **OC** (Overmolded With Cables), **FI** (Field Installable)

Vibration: **(1)** 10-500 Hz @Amplitude 0.35mm; **(2)** 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Other IO (RJ45, USB, D-Sub, SSL, HDMI, DVI)

	Mating Style					Materials	No. of Contacts	Gold Plated	Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	High Speed		
	2 Points Lock	3 Points Lock	Push Lock	Screw Thread	Others								Cat. 5e	Cat. 6A	USB 2.0
RJ45 Series															
Middle		•		•		B	8		44-57V (DC)	Max. 1.5A	Cat. 6A: 26 / Cat. 5e: 24	750	•	•	
Large / I-Adaptor	•	•		•		P	8		44-57V (DC)	Max. 1.5A	24	750	•		
ODVA	•					B	8		44-57V (DC)	Max. 1.5A	Cat. 6A: 26 / Cat. 5e: 24	750	•	•	
Self-Closing Cover						P	8		44-57V (DC)	Max. 1.5A		750	•	•	
USB Series															
Mini USB Type B				•		P		•	30V	1.5A	28*1P + 28*3C	5,000			•
Type A	•			•		B		•	30V	USB 2.0: 1.5A USB 3.2 Gen1: 1A	28*1P + 24*2C	1,500			•
Type B	•			•		B		•	30V	USB 2.0: 1.5A	28*1P + 24*2C	1,500			•
Micro USB Swift						M		•	30V (AC) 5V (DC)	1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A		10,000			•
Micro USB Swift-MU					Snap-in	P		•	30V (AC) 5V (DC)	1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A	28	10,000			•
Type C Swift-LP						M		•	30V (DC)	Up To 5A	32*1P + 24*1C + 28*1D	10,000			
Type C Swift-LA					Snap-in	P		•	30V (DC)	Up To 3A	32*1P + 24*1C + 28*1D	10,000			•
Type C Swift-GG				•		B		•	30V (DC)	Up To 5A	32*1P + 24*1C + 28*1D	10,000			
Type C Swift-XL			•			P		•	30V (DC)	Up To 3A	32*1P + 24*1C + 28*1D	10,000			
D-SUB Series															
Standard				•	Automated Latch	M	9, 15, 25, 37, 50*	•	125V (DC)	5A	24	500			
High Density				•	Automated Latch	M	15, 26, 44, 62*, 78*	•	125V (DC)	2A	26	500			
SSL Series															
SSL1.1			•			P	2-6	•	100V	3A	22	100			
SSL1.2			•			P	2-4	•	Wire: 250V Flat Cable: 300V	5A	22-18	Wire: 30 Flat Cable: 100			
HDMI Series															
Circular				•		P	19	•	30V (AC)	0.5A	26	500			
Rectangular			•		With Latch	P	19	•	30V (AC)	0.5A	26	500			
Mini-HDMI				•		P	19	•	30V (AC)	0.5A	30	500			
DVI Series															
DDD						M	25	•	40V (AC)	1.5A	28	100			
DDS						M	19	•	40V (AC)	1.5A	28	100			
DID						M	29	•	40V (AC)	1.5A	28	100			
DIS						M	23	•	40V (AC)	1.5A	28	100			

Remarks:
Materials: P (Plastic), M (Metal), B (Both)

Product Selection Guide

	High Speed		Salt Spray (Connector, Mated)	R0	RW	RP	OC	FI	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Standard / Compliant / Certifications	Operating Temperature & IP Rating
	USB 3.2 Gen1	USB 3.2 Gen2													
RJ45 Series															
Middle			48h	PCB 90 & 180, Jack 90 & 180		•	•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ R0 : -40°C - 105°C, IP67 (Unmated & Mated)
Large / I-Adaptor			48h	PCB180, Jack 90 & 180		•	•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ RP : -20°C - 85°C, IP67 (Unmated & Mated)
ODVA			48h	Jack 180		•	•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ OC : -20°C - 85°C, IP67 (Mated) ◦ FI : -40°C - 105°C, IP67 (Mated)
Self-Closing Cover			48h	•					•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	-40°C - 105°C, IP67 (Unmated)
USB Series															
Mini USB Type B			48h	•	•		•	•		94V-HB	(2)	•	•		◦ R0 : -40°C - 105°C, IP67 (Unmated)
Type A	•		48h	Type 1 & 2, Jack, PCB 180	•		•	Solder		•	(2)	•	•		◦ RW : -20°C - 85°C, IP67 (Unmated)
Type B	•		48h	Type 1 & 2, Jack, PCB 180	•		•	Solder		•	(2)	•	•		◦ OC : -20°C - 85°C, IP67P (Mated) ◦ FI : -40°C - 105°C, IP67 (Mated)
Micro USB Swift			48h	•						•	(2)	•	•		-30°C - 80°C, IP67/IP68 (Unmated)
Micro USB Swift-MU			48h				•			•	(2)	•	•		-40°C - 80°C, IP67 (Mated)
Type C Swift-LP		•	48h	•						•	(2)	•	•		-40°C - 85°C, IP67 (Unmated)
Type C Swift-LA	•		48h	•			•			•	(2)	•	•		◦ R0 : -40°C - 85°C, IP68 (Unmated) ◦ OC : -20°C - 85°C, IP67 (Mated)
Type C Swift-GG	•	•	48h	•			•			•	(2)	•	•		◦ R0 : -40°C - 85°C, IP67 (Unmated) ◦ OC : -20°C - 85°C, IP67 (Mated)
Type C Swift-XL	•		48h				•			•	(2)	•	•		◦ OC : -20°C - 85°C, IP68 (Mated)
D-SUB Series															
Standard			8h	Solder, PCB 90& 180			•	Solder, Crimp			(2)	•	•		◦ R0 : -40°C - 105°C, IP68 (Unmated)
High Density			8h	Solder, PCB 90& 180			•	Solder, Crimp			(2)	•	•		◦ OC : -20°C - 85°C, IP67P (Mated) ◦ FI : -40°C - 105°C, IP67 (Mated)
SSL Series															
SSL1.1				•			•			•	(2)		•	CSA C22.2, UL1977	-40°C - 105°C, Non-IP
SSL1.2				•			•	•	•	•	(2)		•	CSA C22.2, UL1977, cUL UL2238+UL50e	-40°C - 105°C, IP68 (Mated)
HDMI Series															
Circular			48h	•			•			94V-HB	(2)	•	•		◦ R0 : -20°C - 85°C, IP67 (Unmated)
Rectangular			48h	•			•			94V-1	(2)	•	•		◦ OC : -20°C - 85°C, IP67P (Mated)
Mini-HDMI			48h	•			•			•	(2)	•	•		
DVI Series															
DDD			8h	•			•				(2)		•		
DDS			8h	•			•				(2)		•		◦ R0 : -40°C - 105°C, IP68 (Unmated)
DID			8h	•			•				(2)		•		◦ OC : -20°C - 85°C, IP67P (Mated)
DIS			8h	•			•				(2)		•		

Remarks:
Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **RP** (Receptacle With Pigtail), **OC** (Overmolded With Cables), **FI** (Field Installable)
Vibration: **(2)** 10-55Hz @Amplitude 1.52mm
Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **RP** (Receptacle With Pigtail), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Other IO (Fiber, RF)

	Mating Style		Materials	No. of Contacts	Gold Plated	Operating Voltage (AC/DC)	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	R0
	3 Points Lock	Screw Thread								
Fiber Optic Series										
LC	•								48h	•
SC	•								48h	•
RF Series										
SMA Type		•	M	1	•	335 Volts RMS At Sea Level	1.13mm, 1.32mm, 1.37mm, RG178	500	48h	•
N Type		•	M	1	•	1,000 Volts RMS At Sea Level	1.13mm, 1.32mm, 1.37mm, RG142, RG178, G58 A/U	500	48h	•

Other (ZConnect, Cable Joiner, Cable Gland, Pressure Relief Vent, LED)

	Mating Style			Materials	No. of Contacts	Contacts				Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Salt Spray (Connector, Mated)
	Push Lock With Latch	Screw Thread	Others			Gold Plated	Nickel Plated	Thermo plastic	SUS316L				
ZConnect Series													
FPC / FFC / WTB			Quick Plug	B	46, 36, 20, 18, 12	•				120V	1A		48h
Cable Joiner Series													
M20		•		P	None, 4	•				450V (Non- UL) 600V (UL)	10A	22-16	
M32	•			P	None, 4	•					15A-30A	16-10	
FICX I Tube (11)		•		P	2-5		•				16A-30A	20-12	
FICX I Tube (12)		•		P	2-5		•				8A-20A	18-12	
FICX XI Tube (13)		•		P	2-5		•				8A-20A	18-12	
FICX T Tube (T2)		•		P	2-5		•				10A-20A	20-12	
Cable Gland Series													
Cable Gland		•		B									
Pressure Relief Vent													
M6 Plastic		•		P				•					1,000h
M12 Snap-in		•		P				•			1,000h		
M12 Stainless		•		M					•		1,000h		
M12 Plastic		•		P				•			1,000h		
M12 Metal		•		M			•				48h		
LED Light Guide													
Ø3mm				B				•		4V			
Ø5mm				M				•		4V			

Remarks:

Materials: P (Plastic), M (Metal), B (Both)

Assemble Style: R0 (Receptacle)

Product Selection Guide

	FI	UV Resistant	UL 94V-0	EMI Option	ROHS 2.0 & REACH	Standard / Compliant / Certifications	Operating Temperature & IP Rating
Fiber Optic Series							
LC	•	•	•		•		-40°C - 105°C, IP67 (Mated)
SC	•	•	•		•		-40°C - 105°C, IP67 (Mated)
RF Series							
SMA Type				•	•	MIL-C-39012	-40°C - 105°C, IP68 (Unmated)
N Type				•	•	MIL-C-39012	-40°C - 105°C, IP68 (Unmated)

	Receptacle	Field Installable	UV Resistant	UL 94V-0	Vibration	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
ZConnect Series									
FPC / FFC / WTB				•		•			-40°C - 110°C, Non-IP
Cable Joiner Series									
M20		•	•	94V-2		•		IP67	-40°C - 105°C
M32		•	•	•		•	UL6703A	IP67	-40°C - 105°C
FICX I Tube (11)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX I Tube (12)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX XI Tube (13)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX T Tube (T2)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
Cable Gland Series									
Cable Gland	•	•		94V-0 94V-2	(2)	•		IP67 (Mated) IP68 (Mated)	• RO : -20°C - 105°C • FI : -20°C - 105°C
Pressure Relief Vent									
M6 Plastic	•		•	•		•		IP66, IP68	-40°C - 125°C
M12 Snap-in	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Stainless	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Plastic	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Metal	•		•	•		•		IP68, IP69K	-40°C - 125°C
LED Light Guide									
Ø3mm	•							IP67	• Red & Green : -30°C - 80°C • Others : -40°C - 80°C
Ø5mm	•							IP67	• Red & Green : -30°C - 80°C • Others : -40°C - 80°C

Remarks:

Assemble Style: FI (Field Installable)

Vibration: (2) 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: RO (Receptacle), FI (Field Installable)

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	NMEA 2000	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Fiber Optics	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
LED Lighting																							
Architectural Lighting	•	•	•		•	•	•		•		•	•					•		•	•	•		
Outdoor LED Displays	•	•	•	•	•	•	•				•	•	•				•		•	•	•		
Outdoor Signage	•	•			•	•			•		•		•				•		•	•	•		
Entertainment Lighting & Systems	•	•			•	•	•		•		•	•					•		•	•	•		
Smart City, Street Lighting	•	•			•	•			•		•	•	•				•		•	•	•		
Tunnel Lighting	•	•	•		•	•			•		•		•				•		•	•	•		
Parking Lighting	•	•			•	•	•		•		•	•					•		•	•	•		
Cruise & Shipyards Lighting	•	•	•		•	•		•	•		•	•	•				•		•	•	•		
High Speed Train & EV Bus	•	•			•	•	•		•	•	•		•				•		•	•	•		
Commercial Lighting	•	•	•		•	•	•		•		•	•					•		•	•	•		
Refrigeration Lighting	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
Horticulture Lighting	•	•	•		•	•			•		•		•				•		•	•	•		
Warehouse Lighting	•	•			•	•			•		•	•					•		•	•	•		
Emergency Lighting	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
UV and Sanitary Lighting	•	•	•		•	•	•		•		•		•				•		•	•	•		
Li-Fi	•	•			•	•					•		•				•	•	•	•	•		
Hospital Surgical Lighting & Room	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
ATEX Lighting	•	•			•	•	•						•				•						
Underwater / Submerged Lighting	•	•			•	•							•				•				•		
Marine																							
Multi-FunctionDisplay	•	•	•	•	•	•		•	•	•	•	•			•	•		•			•	•	•
Outboard Motors	•	•	•		•	•		•	•	•							•			•			
Bilge Pump	•	•	•		•	•		•	•	•							•			•			
Heater	•	•	•		•	•	•	•	•	•	•						•		•	•	•		
HVAC	•	•	•		•	•	•	•	•	•	•						•		•	•	•		
(Heating Ventilation Air Conditioning)	•	•	•		•	•		•	•	•							•						
Fridge	•	•	•		•	•	•	•	•	•							•						
Docking System	•	•	•		•	•		•	•	•							•			•			
Windlass	•	•	•		•	•		•	•	•							•			•			
Sensors	•	•	•		•	•		•	•	•							•						
RADAR	•	•	•		•	•		•	•	•	•	•					•	•					
Antenna	•	•	•		•	•	•	•	•	•							•	•					
USB Charger	•	•	•		•	•	•	•	•	•		•					•		•				
Audio System	•	•	•		•	•	•	•	•	•	•	•		•			•		•	•	•		
Lighting System	•	•	•		•	•	•	•	•	•	•	•	•				•		•	•	•		•
CCTV	•	•	•		•	•	•	•	•	•	•	•		•	•		•						
Power Controller	•	•	•		•	•		•	•	•							•		•	•	•		•
Autopilot System	•	•	•		•	•		•	•	•				•	•		•	•			•		•
Automatic Identification System	•	•	•		•	•	•	•	•	•	•			•	•		•	•			•		•
GPS, Beacon & Lifebuoy	•	•	•		•	•	•	•	•	•	•	•					•	•					
Sonar / Transducer	•	•	•					•	•	•							•						
Fish-Finders	•	•	•					•	•	•	•	•					•						
Chartplotter	•	•	•				•	•	•	•	•	•		•	•		•						•
Sailing Instruments	•	•	•					•	•	•	•	•		•	•		•				•		
Shipyards & Cruise	•	•	•				•	•	•	•	•	•		•	•		•				•		•
Broadband Wireless Access																							
General Small Cells	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
RRH (Remote Radio Head)	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Wireless Mobile Backhaul	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•		
High Capacity Mobile Subscriber Unit	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor Base Station Unit	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor LTE	•	•			•	•	•		•	•	•					•	•	•	•	•	•	•	•
Outdoor AP	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Subscriber Station	•	•			•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor Wireless Mesh Router	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Base Station Power Supply	•	•		•	•	•	•		•	•						•	•	•	•	•	•	•	•
Communication System														•			•						

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Fiber Optics	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
Industrial Automation																						
Robotic Arm			•	•			•	•	•							•						
Industrial Server / Network	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	•	•
Industrial Forklifts (Truck)	•	•	•	•	•	•	•	•	•	•	•		•	•		•			•	•		•
AVI (Automatic visual inspection)	•	•	•	•			•	•	•							•						
Data Communication System	•	•	•	•	•		•	•	•	•	•		•	•		•	•			•	•	•
Industrial Control Center	•	•	•	•	•		•	•	•	•	•		•	•		•				•	•	•
Packaging Center	•	•	•	•			•	•	•							•						
Conveyors	•	•	•	•			•	•	•							•						
Sensors			•					•	•							•						
Power Distribution	•	•	•	•	•			•	•							•						
Actuators	•	•	•					•	•							•						
Motor Drives	•	•	•		•	•		•	•							•						
Industrial PC & Displays	•	•	•	•	•		•	•	•	•	•		•	•		•	•			•	•	•
Machine Tools	•	•	•	•	•			•	•							•						
Switches		•	•	•				•	•	•	•					•						•
Production Equipment	•	•	•	•	•	•	•	•	•	•	•					•				•	•	•
Renewable Energy																						
PV / DC Inverter	•	•	•		•	•		•	•	•						•		•	•	•	•	
Micro Inverter						•				•						•			•	•	•	
CSP & CPV	•	•	•		•	•		•	•							•			•	•	•	
Heliostat	•	•	•		•	•										•			•	•	•	
PV Trackers	•	•	•		•	•		•	•							•			•	•	•	
PV ICS (Integrated Control Systems)					•	•		•	•	•						•			•		•	
Portable Energy	•	•	•		•	•	•	•	•	•	•					•						
Communication System	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•		•	•	•	•
PDC (Power Distribution Control)	•	•	•	•	•	•		•	•	•						•	•		•	•	•	•
Wind Turbine	•	•	•	•	•	•		•	•	•	•					•			•	•	•	•
Energy Storage System	•	•	•		•	•		•	•	•						•			•	•	•	
Tidal Power Generation System	•	•	•	•	•	•		•	•	•						•			•	•	•	•
Heavy Equipment																						
Electronic Toll System	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Automotive Diagnostics	•	•	•	•	•		•	•	•	•	•	•	•	•		•	•				•	•
Agriculture Electronic Equipment	•	•	•	•	•	•		•	•	•	•		•	•		•	•		•	•		•
Lidar & Radar	•	•	•	•				•	•	•	•		•	•		•						
ADAS (Advanced Driver Assistance Systems)	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Telematics & Tracking	•	•	•		•	•	•	•	•	•	•		•	•		•	•	•	•	•	•	•
Camera & Monitoring	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Control System	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Display	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
GPS System	•	•	•	•	•	•	•	•	•	•	•					•	•		•	•		
Lighting	•	•	•		•	•		•	•			•				•		•				
Measurement Systems	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Sensors		•	•	•				•	•							•						
Automated Meter Reading																						
Water Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Electricity Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Gas Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Alarm System	•	•	•	•			•			•	•					•	•		•	•	•	
Military Drone	•	•	•	•			•									•	•		•	•	•	
Vehicle Tracking	•	•	•	•			•			•	•					•	•		•	•	•	
Telemetry	•	•	•	•			•			•	•					•	•		•	•	•	
Sewage	•	•	•	•	•	•	•			•	•					•	•		•	•	•	
Rugged IT																						
Telemetry		•	•	•			•			•						•	•		•	•		
Rugged & Military VR and AR		•	•	•			•				•					•	•		•			
Rugged Notebook				•						•	•		•	•		•	•					•
Night Vision Goggles			•	•			•				•					•						
Miniature Camera											•					•	•					
Rugged Tablet											•		•	•		•	•					
Communication Devices				•						•	•		•	•		•	•				•	•

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Zconnect	RF	Cable Gland	Vent	LED Light Guide	D-Sub
Test Equipments																				
Air Flow Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Gas Detectors	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Precision Surveying	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Earthquake Monitoring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Humidity Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Leak Detectors	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Light Measuring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Sound Measuring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Water Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Weighing Devices	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•		
Weigh Modules	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•		
Heavy-duty Scales	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Floor Scales	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Wet Area Weighing	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Dosing Systems	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
In-Motion Weighing	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Borescope	•	•	•	•	•		•	•	•	•	•				•	•		•		
Image Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Timers / Timer Display	•	•	•	•	•		•	•	•	•	•				•	•		•		
Laser Marking System	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Digital Microscopes	•	•	•	•	•		•	•	•	•	•				•	•		•		
Hybrid Electric Vehicles																				
Electric Wheelchair	•	•	•	•	•	•	•	•	•						•					
Electrical and Electronic Speed Control	•	•	•	•	•	•	•	•	•						•					
Electrical and Electronic Brake System	•	•	•	•	•	•	•	•	•						•					
Throttle Controller	•	•	•	•	•	•	•	•	•						•					
Battery Module	•	•	•		•			•	•	•	•	•					•	•		
Motor Module	•	•	•	•				•	•	•	•	•			•		•	•		
Gear Shift Module	•	•	•					•	•	•	•	•			•			•		
Controller Unit	•	•	•	•				•	•	•	•	•			•			•		
Charge Plug / Inlet	•	•			•			•	•	•	•	•			•			•		
Charging Station	•	•			•			•	•	•	•	•			•			•		
Home Charge Platform	•	•			•			•	•	•	•	•			•			•		
Hoverboard	•	•	•	•	•			•	•	•	•	•			•			•		
Electric Scooter	•	•	•	•	•	•	•	•	•						•		•			
Railway Mass Transit																				
Infotainment Systems	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•	•
In-Vehicle Information System	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•	•
Indication Display	•	•	•	•	•		•	•	•	•	•		•	•	•			•		•
Navigation/GPS	•	•	•				•	•	•	•	•		•	•	•	•				•
HVAC (Heating Ventilation Air Conditioning)	•	•	•	•	•		•	•	•	•					•					
Fuel Leakage Detector	•	•	•	•	•	•	•	•	•	•	•				•					
Broadcasting System	•	•	•	•	•		•	•	•	•	•				•		•			
Vehicle Monitoring	•	•	•	•	•		•	•	•	•	•		•	•	•			•		•
Cleaning Control	•	•	•	•		•	•	•	•	•	•				•					
Speedometer	•	•	•	•	•		•	•	•	•					•					
Interior Lighting	•	•	•	•	•			•	•	•	•	•			•			•		
Mobile Devices																				
DRC (Drone Remote Controller)	•	•	•	•			•				•				•	•				
Altimeter	•	•	•	•			•				•				•	•				
Barcode Reader	•	•	•	•			•				•				•					
GPS Safety Guard		•					•				•				•	•				
Portable Lamp	•	•					•				•				•					
Gesture Measurement	•	•					•				•				•					
Wearables											•				•	•				

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
Transportation																					
Vehicle Camera	•	•	•	•		•	•				•		•		•			•	•		
Switch			•							•	•				•						•
Dome Vehicle Camera	•	•	•			•									•						
RFID Reader															•	•					
Bus GPS	•	•	•	•		•	•			•	•		•	•	•	•					
Display	•	•	•	•		•									•						
Outdoor Speaker	•	•	•	•		•									•						
Automotive Winches															•						
Vehicle Charger	•	•	•			•									•						
Wifi Router										•					•						
Fleet Management	•	•	•	•		•									•						
Digital Video Surveillance System	•	•	•	•	•	•		•	•	•					•					•	
Medical Equipment																					
Medical Displays				•	•					•	•		•	•	•				•		•
Mobile Nursing Carts	•	•			•	•	•	•	•						•			•	•		
Non-invasive Devices	•	•		•	•	•	•	•	•	•	•		•	•	•			•	•		•
Electrical Beds	•	•	•		•	•		•	•						•			•	•		
Charges	•	•			•	•		•	•						•			•	•		
Wheelchair Lift	•	•			•	•		•	•						•			•	•		
Wheelchair Stair Lift	•	•			•	•		•	•						•			•	•		
Rehabilitation System	•	•			•	•		•	•						•			•	•		
Automotive Diagnostics																					
Auto Crash Notification	•	•	•	•	•	•	•	•	•	•	•				•	•					•
Vehicle Tracking	•	•	•		•	•	•	•	•		•				•	•			•		
Vehicle Health Alert & Roadside Assistance	•	•	•	•	•	•	•	•	•	•	•				•	•					•
Remote Vehicle Diagnostics	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•
UAV																					
Commercial Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Military Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Consumer Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Lifts & Materials Handling																					
Forklift	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Industrial Lift	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Materials Handling	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Remote Video Response Center																					
Encoders	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			•	•	•
Monitoring Station	•	•	•		•	•		•	•	•	•		•	•	•			•			•
CCTV/Dome/IP Camera	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	•	•
Remote Control	•	•			•		•			•	•				•			•			
Junction Box	•	•			•					•	•		•	•	•			•	•		•
Automatic LPRS (License Plate Recognition System)	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	•	•
Fingerprint ID											•				•						
Alarm System	•	•	•	•	•					•	•		•	•	•	•	•	•	•	•	•
Sensor			•												•						
Autonomous																					
GPS	•	•	•	•			•	•	•	•	•		•	•	•	•					
Lidar	•	•	•	•			•	•	•	•	•		•		•			•	•		
Radar Sensors	•	•	•	•			•	•	•						•	•					
Video Cameras	•	•	•	•			•	•	•		•		•		•			•	•		
Central Computer	•	•	•	•			•	•	•	•	•		•		•						
Inertial Measurement Unit	•	•	•	•			•	•	•						•			•			
Inertial Navigation Systems	•	•	•	•			•	•	•						•	•		•			
Commercial Military																					
Tank				•																	
Aircraft				•																	
Warship				•																	
Dismounted Soldier				•																	
Software Defined Radios				•																	
Commercial Military				•											•						

We Are Amphenol LTW

Founded in 1993, Amphenol LTW is a leader in rugged and harsh environment interconnects with the largest array of I/O and products ranging from IP65 to IP69K. The company continually provides innovative interconnect solutions for ever-demanding environments and is proactively committed to contributing to a safer and greener environment. Amphenol LTW features interconnects for technologically advanced products with environmentally friendly results.



Amphenol LTW Technology & CNC Plant

- Headquarters: Taipei, Taiwan
- 150 Employees



Kunshan Amphenol Zhengri Electronics

- Kunshan, China
- 400 Employees



110+

Amphenol
Divisions



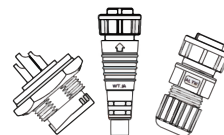
75+

Distribution
Channels



30+

Market
Applications



80,000+

Products

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more information

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Our Capabilities

Both factories located in Taiwan and China are ISO9001:2015, ISO14001:2015, and UL certified. Our Test Laboratory is certified by TAF and is a member of UL WTDP reliable partner. Wherever required, most of our products are TUV/VDE, UL/CSA certified. Thanks to our strict standards, we are able to contribute to your projects and design exactly what you need. From standard to customized products, Amphenol LTW has the right solutions for your applications.



Test Laboratory Accreditations Quality Assurance

International Certifications



Automated Production Line

Capability: Contacts, Parts, and Shells

Number of Automatic Machines: 11

Production Capacity : 125,000 pins per day
(24 hours)

Number of CNC Machines: 33

Production Capacity : 125,000 pins per day
(24 hours)



Kunshan Factory – Horizontal Injection Workshop

Molding Machines

Number of Machines: 17

Production Capacity : 3,400pcs/hr

Online Resources



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General Catalog

Find All Product Range



Catalogs by Series

All Market Applications

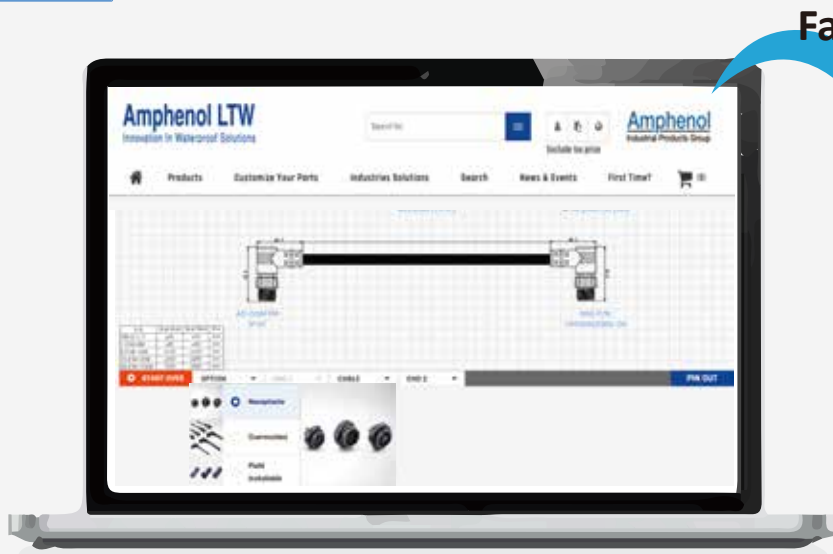


Market Flyer

Product Guidance



Customization Services



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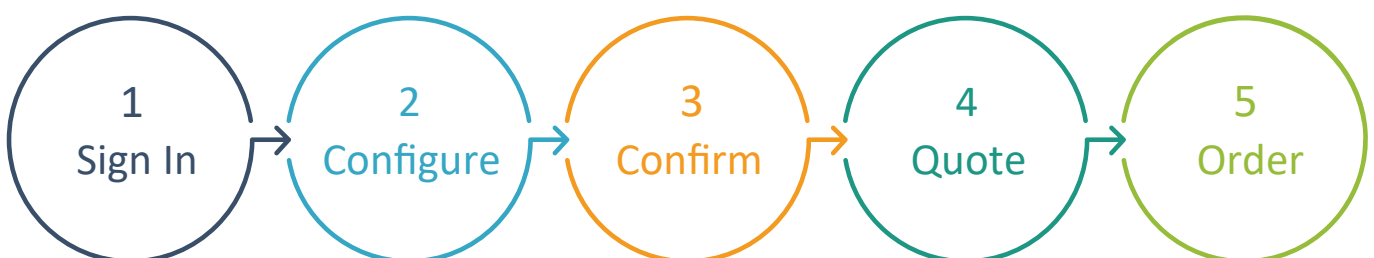
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3³ Single Pair Ethernet

Freedom of Choices and Budgets

3 Mechanical interfaces IP67 and above for industrial and ruggedized applications

3 Freedom of choices for your needs and requirements

3 Budgets, pay for what you need



Features

- » ALTW's proprietary SPE interface integrated in **M8 (G8) / M12 / FLOS+ / X-Lok**
- » Providing low power & simply networking on end-point sensors
- » Cost-effective, smaller & lighter than standard 4 pairs ethernet cable
- » Compatible 10/100/1000 base-T1 data rates as existing technologies **
- » Receptacle IP67 **UNMATED** waterproof, also available in double ended and field installable
- » Vibration resistance 20g (10 ~ 2,000 Hz)
- » Supports PoDL (Power Over Data Lines)

** 24~26 AWG Standard Length 15m

Part Number

X-Lok

A Size	AD-02BFFM-QL8P ¹⁰ (Cable)
	AD-02BMMM-QL8P ¹⁰ (Cable)
	AD-02PMMP-QC8001 (Receptacle)
	AD-02PMMS-QC8001 (Receptacle)

FLOS+

K Series	SLKC-S02FMMM-GCP-C ¹⁰ (Cable)
	SLKC-S02EEFP-GCP-001 (Receptacle)

M Series

M8	M8-02BFFM-SL7C ¹⁰ * (Cable)	M12	M12A-02BFFM-SL8C ¹⁰ (Cable)
	M8-02BMMM-SL7C ¹⁰ * (Cable)		M12A-02BMMM-SL8C ¹⁰ (Cable)
	M8-02PFFP-SF7001* (Receptacle)		M12A-02PFFP-SF8001 (Receptacle)
	M8-02PMMP-SF7001* (Receptacle)		M12A-02PMMP-SF8001 (Receptacle)
	M8-02PFFS-SF7001* (Receptacle)		
	M8-02PMMS-SF7001* (Receptacle)		
G8	8A-02BFFM-SL7C ¹⁰ * (Cable)		
	8A-02BMMM-SL7C ¹⁰ * (Cable)		
	8A-02PFFP-SF7001* (Receptacle)		
	8A-02PFFS-SF7001* (Receptacle)		
	8A-02MMP-SF7001 (Receptacle)		
	8A-02PMMS-SF7001 (Receptacle)		



* Upon Request

¹⁰ Cable Length: (01) 1M ~ (15) 15M.

Technical Support



Assistance



AIPG WeChat (ID: AIPG2020)
安费诺工业展品集团
微信公众号: AIPG2020



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Information



FAQ

Find answers to frequently asked questions at
<https://www.amphenolltw.com/>



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Marine

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- Autopilot System
- Bilge Pump
- Heater
- RADAR
- Windlass
- Outboard & Trolling Motors
- Chartplotter
- Docking System
- Fish-Finders
- Fridge & Refrigeration
- GPS, Beacon & Lifebuoy
- Lighting System
- Power Controller
- IP and Infrared CCTV & Cameras
- Sensors
- Shipyards & Cruise
- Sonar / Transducer
- USB Charger
- HVAC (Heating Ventilation Air Conditioning)
- Multi-Function Display
- Sailing Instruments



Broadband Wireless Access

- Outdoor AP
- Outdoor Base Station Unit
- Outdoor Repeater
- Outdoor Wireless Mesh Router
- RRU (Remote Radio Unit)
- General Small Cells
- Wireless Mobile Backhaul
- High Capacity Mobile Subscriber Unit



Renewable Energy

- Portable Energy
- PV Inverter
- PV Trackers
- Tidal Power Generation System
- Wind Turbine
- Communication System
- CSP & CPV
- DC Inverter
- Energy Storage System
- HelioStat
- PDC (Power Distribution Control)



Railway Mass Transit

- Interior Lighting
- In-Vehicle Information
- Navigation / GPS
- Speedometer
- Vehicle Monitoring
- Broadcasting System
- Cleaning Control
- Fuel Leakage Detector
- HVAC (Heating Ventilation Air Conditioning)
- Infotainment Systems
- Indication Display



Remote Video Response Center

- Alarm System
- Sensor
- CCTV / Dome / IP Camera
- Encoders
- Monitoring Station
- Automatic LPRS (License Plate Recognition System)



Autonomous

- Central Computer
- GPS
- Inertial Measurement Unit
- Inertial Navigation Systems
- Lidar
- Radar Sensors
- Video Cameras



Heavy Equipment

- Lidar & Radar
- Lighting
- Measurement Systems
- Sensors
- Telematics & Tracking
- Automotive Diagnostics
- Camera & Monitoring
- Control System
- Display
- Electronic Toll System
- ADAS (Advanced Driver Assistance Systems)
- Agriculture Electronic Equipment
- Gps System



Hybrid Electric Vehicles

- Battery Module
- Controller Unit
- Electric Scooter
- Electric Wheelchair
- Hoverboard
- Motor Module
- Throttle Controller
- Gear Shift Module
- Electrical and Electronic Brake System
- Electrical and Electronic Speed Control



Industrial Automation

- Machine Tools
- Motor Drives
- Packaging
- Power
- Sensors
- Switches
- Actuators
- Conveyors
- Industrial Network
- Industrial PC & Displays
- Industrial Control
- Industrial Forklifts
- Industrial Robots
- AVI (Automatic Visual Inspection)
- Communication System



Automotive Diagnostics

- Auto Crash Notification
- Remote Vehicle Diagnostics
- Vehicle Health Alert & Roadside Assistance
- Vehicle Tracking



Test Equipment

- Sound Measuring
- Timers / Timer Display
- Water Measurement
- Weigh Modules
- Weighing Devices
- Leak Detectors
- Laser Marking System
- Borescope
- Digital Microscopes
- Dosing Systems
- Earthquake monitoring
- Floor Scales
- Light Measuring
- Wet Area Weighing
- Gas Detectors
- Heavy-duty Scales
- Humidity Measurement
- Image Measurement
- In-Motion Weighing
- Precision Surveying
- Air Flow Measurement



LED

- Architectural Lighting
- Commercial Lighting
- Cruise & Shipyards Lighting
- Emergency Lighting
- Horticulture Lighting
- Hospital Surgical Lighting & Room
- Outdoor LED Displays
- Refrigeration Lighting
- Tunnel Lighting
- UV and Sanitary Lighting



Transportation

- Vehicle Camera
- Fleet Management
- Bus GPS
- Displayer
- Outdoor Speaker
- Switch
- Vehicle Charger
- Dome Vehicle Camera
- Digital Video Surveillance System



UAV

- Commercial Drone
- Consumer Drone
- Military Drone



Medical

- Electrical beds



Rugged IT

- Night Vision Goggles
- Rugged & Military VR and AR
- Telemetry



Mobile Devices

- Altimeter
- Barcode Reader
- DRC (Drone Remote Controller)



Lifts & Materials Handling

- Forklift
- Industrial Lift
- Materials Handling



Automated Meter Reading

- Electricity Meter
- Gas Meter
- Sewage
- Telemetry
- Water Meter
- Alarm System
- Military Drone
- Vehicle Tracking

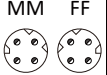
Product Range Overview

Sub-Series Name	M5	Guided M8 / LED	M8 /LED	M10.5	M12 A / LED	M12 B / LED	M12 D / LED	M12 I
Mating Style	Screw Thread	Screw Thread Snap-in	Screw Thread & Snap-in	Screw Thread	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull
Plastic Version	-	✓	✓	-	✓	✓	✓	✓
Metal Version	✓	✓	✓	✓	✓	✓	✓	✓
No. of Contacts	3 ~ 6	2 ~ 6	3 ~ 13	2 ~ 5	3 ~ 28	5	4	5
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
Transmission Rate	-	-	-	-	Cat. 5e (8 Pin To RJ45)	-	Cat. 5e (4 Pin To RJ45)	-
Operating Voltage (AC/DC)	60V	30V ~ 60V	30V ~ 60V	30V	30V ~ 250V	60V	250V	60V
Nominal Current	1A	2A ~ 4A 3A+1.5A	0.5A ~ 4A	2A	0.5A ~ 4A	4A	4A	4A
Operating Temperature	• Receptacle: -40°C ~ 105°C • Receptacle With Wires: -20°C ~ 85°C • Overmolded With Cable: (1) PVC: -20°C~85°C (2) PUR: -20°C~85°C • Field Serviceable/Installable: -40°C ~ 105°C							
Fasten Style of Nut	Front & Rear	Front & Rear	Front & Rear	Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Receptacle	✓	✓	✓	✓	✓	✓	✓	✓
Receptacle With Cable/Wire	✓	✓	✓	✓	✓	✓	✓	-
Overmolded With Cable	✓	✓	✓	✓	✓	✓	✓	✓
Field Serviceable/Installable	-	✓	✓	✓	✓	✓	✓	-
Accessories	-	✓	✓	✓	✓	✓	✓	✓
Applicable Wire Gauge	28 ~ 26AWG (0.09 ~ 0.14mm ²)	24 ~ 22AWG (0.25 ~ 0.34mm ²)	32AWG (0.03mm ²)	24AWG (0.25mm ²)	30 ~ 22AWG (0.05 ~ 0.34mm ²)	26 ~ 22AWG (0.14 ~ 0.34mm ²)	26 ~ 22AWG (0.14 ~ 0.34mm ²)	22AWG (0.34mm ²)
Mating Cycles (Pin Contact)	1,000 Cycles (IEC 100 Cycles)							
IP Rating	• Receptacle, Receptacle With Wires: (1) IP67 (Mated / Unmated) (2) IP68 (Unmated, 1M / 24h) (3) IP69K (Mated) • Overmolded With Cable, Field Serviceable/Installable: IP67 / IP68 (Mated, 1M / 24h)							
Salt Spray (Connector, Mated)	48h	48h	48h	48h	48h	48h	48h	48h
UV Resistant	✓	✓	✓	✓	✓	✓	✓	✓
Flammability Rating	UL94V-0	UL94V-0	UL 94V-0	UL 94HB	UL 94V-0	UL 94V-0	UL 94V-0	UL 94HB
Vibration	Frequency Range 10~500Hz / Amplitude 0.35mm							
EMI Option	-	✓	✓	-	✓	✓	✓	-
RoHS 2.0 Compliant	✓	✓	✓	✓	✓	✓	✓	✓
REACH Compliant	✓	✓	✓	✓	✓	✓	✓	✓
Certificates	-	-	UL1977 UL2238	-	UL1977, UL2238, UL1863	UL1977 UL2238	UL1977, UL2238, UL1863	-
Standard / Compliance	IEC 61076-2-105	-	IEC 61076-2-104	-	IEC 61076-2-101	IEC 61076-2-101	IEC 61076-2-101	-

Product Range Overview

Sub-Series Name	M12 K / LED	M12 L / LED	M12 M / LED	M12 S / LED	M12 T / LED	M12 X	M12 Y	M23
Mating Style	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread & Push Pull	Screw Thread
Plastic Version	✓	✓	✓	✓	✓	-	✓	-
Metal Version	✓	✓	✓	✓	✓	✓	✓	✓
No. of Contacts	3 ~ 5	2 ~ 5	3 ~ 6	3 ~ 4	2 ~ 4	8	8	6
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
Transmission Rate	-	-	-	-	-	Cat.6A	-	-
Operating Voltage (AC/DC)	630V	63V	630V	630V	63V	30 ~ 60V	60V	600V
Nominal Current	12A / 16A	16A	8A	12A	12A	0.5A	0.5A / 6A	28A
Operating Temperature	• Receptacle: -40°C ~ 105°C • Receptacle With Wires: -20°C ~ 85°C • Overmolded With Cable: (1) PVC: -20°C~85°C (2) PUR: -20°C~85°C • Field Serviceable/Installable: -40°C ~ 105°C							
Fasten Style of Nut	Front	Front	Front	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front
Receptacle	✓	✓	✓	✓	✓	✓	✓	✓
Receptacle With Cable/Wire	✓	✓	✓	✓	✓	✓	✓	-
Overmolded With Cable	✓	✓	✓	✓	✓	✓	✓	✓
Field Serviceable/Installable	✓	✓	✓	✓	✓	✓	✓	✓
Accessories	✓	✓	✓	✓	✓	✓	-	-
Applicable Wire Gauge	14AWG (2.5mm ²)	14AWG (2.5mm ²)	16AWG (1.5mm ²)	16AWG (1.5mm ²)	16AWG (1.5mm ²)	26AWG (0.14mm ²)	20 AWG(0.50mm ²) 26 AWG(0.14mm ²)	14 ~ 12AWG (2.50 ~ 4.00mm ²)
Mating Cycles (Pin Contact)	1,000 Cycles (IEC 100 Cycles)							
IP Rating	• Receptacle, Receptacle With Wires: (1) IP67 (Mated / Unmated) (2) IP68 (Unmated, 1M / 24h) (3) IP69K (Mated) • Overmolded With Cable, Field Serviceable/Installable: IP67 / IP68 (Mated, 1M / 24h)							
Salt Spray (Connector, Mated)	48h	48h	48h	48h	48h	48h	48h	48h
UV Resistant	✓	✓	✓	✓	✓	✓	✓	✓
Flammability Rating	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0	UL 94V-0
Vibration	Frequency Range 10~500Hz / Amplitude 0.35mm							
EMI Option	-	-	✓	-	-	✓	✓	✓
RoHS 2.0 Compliant	✓	✓	✓	✓	✓	✓	✓	✓
REACH Compliant	✓	✓	✓	✓	✓	✓	✓	✓
Certificates	UL1977 UL2237	UL1977 UL2238	-	UL1977 UL2237	UL1977 UL2238	UL1863	UL1863	-
Standard / Compliance	IEC 61076-2-111	IEC 61076-2-111	IEC 61076-2-111	IEC 61076-2-111	IEC 61076-2-111	IEC 61076-2-109	IEC 61076-2-109	-

Contact Configuration

	M5	G8 A Code / LED		G8 H Code	M8 A Code / LED				M8 B Code / LED	M8 D Code / LED	M10.5	M12 A Code / LED	
	1A	2A	4A	3A + 1.5A	0.5A	1A	1.5A	4A	3A	4A	2A	0.5A	1.5A
2 Pin													
			R C F								R C F		
3 Pin													
	R C		R C F					R C F			R C F		
4 Pin										MM FF 			
	R C		R C F					R C F		R C F	R C F		
5 Pin													
		R C F		R C F					R C F		R C F		
6 Pin													
	R C	R C F					R C F						
8 Pin													
							R C F						
10 Pin													
												R C F	
12 Pin													
						R C F						R C F	
13 Pin													
					R C F								
17 Pin													
												R C F	
18 Pin													
											R C F		
24 Pin													
											R C F		
28 Pin													
											R C F		

R: Receptacle C: Overmolded with Cable F: Field Serviceable/Installable

Contact Configuration

	M12 A Code / LED		M12 B Code / LED	M12 D Code / LED	M12 I Code	M12 K Code / LED	M12 L Code / LED
	2A	4A	4A	4A	4A	12A / 16 A	16A
2 Pin							 R C F
3 Pin		 R C F				 R C F	 R C F
4 Pin		 R C F		 R C F		 R C F	 R C F
5 Pin		 R C F	 R C F		 R C F	 R C F	 R C F
6 Pin	 R C F						
8 Pin	 R C F						

	M12 M Code / LED	M12 S Code / LED	M12 T Code / LED	M12 X Code	M12 Y Code	M23
	8A	12A	12A	0.5A	0.5A / 6A	28A
2 Pin			 R C F			
3 Pin	 R C F	 R C F	 R C F			
4 Pin	 R C F	 R C F	 R C F			
5 Pin	 R C F					
6 Pin	 R C F					 R C F
8 Pin				 R C F	 R C F	

R: Receptacle C: Overmolded with Cable F: Field Serviceable/Installable

Number of Contacts		3 (LED)
Coding		A
Rated Voltage (AC/DC)		250V
Nominal current		4A
Pin Assignment		MM MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP-03BMMM-SL8A 10 *	-
		UL20549, PUR Jacket	LMSAP-03BMMM-SL8B 10 *	-
		UL2517, PVC Jacket (Black)	LMSAP-03BMMM-SL8D 10 *	-
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSAP-03BMMM-SL8N 10 *	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A-03BMMM-SL8A 10 *	LM12A-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	LM12A-03BMMM-SL8B 10 *	LM12A-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	LM12A-03BMMM-SL8D 10 *	LM12A-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12A-03BMMM-SL8N 10 *	LM12A-03BMMM-PL8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS-03BMMM-SL8A 10 *	LMSAS-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	LMSAS-03BMMM-SL8B 10 *	LMSAS-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	LMSAS-03BMMM-SL8D 10 *	LMSAS-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSAS-03BMMM-SL8N 10 *	LMSAS-03BMMM-PL8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A-03BMMM-SL8A 10 *	LSM12A-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	LSM12A-03BMMM-SL8B 10 *	LSM12A-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	LSM12A-03BMMM-SL8D 10 *	LSM12A-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12A-03BMMM-SL8N 10 *	LSM12A-03BMMM-PL8N 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS-03BMMM-SL8A 10 *	LSMSAS-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	LSMSAS-03BMMM-SL8B 10 *	LSMSAS-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	LSMSAS-03BMMM-SL8D 10 *	LSMSAS-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSAS-03BMMM-SL8N 10 *	LSMSAS-03BMMM-PL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP-03BMMM-SR8A 10 *	-
		UL20549, PUR Jacket	LMSAP-03BMMM-SR8B 10 *	-
		UL2517, PVC Jacket (Black)	LMSAP-03BMMM-SR8D 10 *	-
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSAP-03BMMM-SR8N 10 *	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A-03BMMM-SR8A 10 *	LM12A-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	LM12A-03BMMM-SR8B 10 *	LM12A-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	LM12A-03BMMM-SR8D 10 *	LM12A-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12A-03BMMM-SR8N 10 *	LM12A-03BMMM-PR8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS-03BMMM-SR8A 10 *	LMSAS-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	LMSAS-03BMMM-SR8B 10 *	LMSAS-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	LMSAS-03BMMM-SR8D 10 *	LMSAS-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSAS-03BMMM-SR8N 10 *	LMSAS-03BMMM-PR8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A-03BMMM-SR8A 10 *	LSM12A-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	LSM12A-03BMMM-SR8B 10 *	LSM12A-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	LSM12A-03BMMM-SR8D 10 *	LSM12A-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12A-03BMMM-SR8N 10 *	LSM12A-03BMMM-PR8N 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS-03BMMM-SR8A 10 *	LSMSAS-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	LSMSAS-03BMMM-SR8B 10 *	LSMSAS-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	LSMSAS-03BMMM-SR8D 10 *	LSMSAS-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSAS-03BMMM-SR8N 10 *	LSMSAS-03BMMM-PR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (LED)	4 (LED)			4 (LED)
A	A			D
250V	250V			250V
4A	4A			4A
FF	MM	MPronto-12 (M/M)	FF	MM
				
LMSAP-03BFFM-SL8A 	LMSAP-04BMMM-SL8A 	-	LMSAP-04BFFM-SL8A 	LMSDP-04BMMM-SL8A 
LMSAP-03BFFM-SL8B 	LMSAP-04BMMM-SL8B 	-	LMSAP-04BFFM-SL8B 	LMSDP-04BMMM-SL8B 
LMSAP-03BFFM-SL8D 	LMSAP-04BMMM-SL8D 	-	LMSAP-04BFFM-SL8D 	LMSDP-04BMMM-SL8D 
-	-	-	-	LMSDP-04BMMM-SL8E 
LMSAP-03BFFM-SL8N 	LMSAP-04BMMM-SL8N 	-	LMSAP-04BFFM-SL8N 	LMSDP-04BMMM-SL8N 
LM12A-03BFFM-SL8A 	LM12A-04BMMM-SL8A 	LM12A-04BMMM-PL8A 	LM12A-04BFFM-SL8A 	LM12D-04BMMM-SL8A 
LM12A-03BFFM-SL8B 	LM12A-04BMMM-SL8B 	LM12A-04BMMM-PL8B 	LM12A-04BFFM-SL8B 	LM12D-04BMMM-SL8B 
LM12A-03BFFM-SL8D 	LM12A-04BMMM-SL8D 	LM12A-04BMMM-PL8D 	LM12A-04BFFM-SL8D 	LM12D-04BMMM-SL8D 
-	-	-	-	LM12D-04BMMM-SL8E 
LM12A-03BFFM-SL8N 	LM12A-04BMMM-SL8N 	LM12A-04BMMM-PL8N 	LM12A-04BFFM-SL8N 	LM12D-04BMMM-SL8N 
LMSAS-03BFFM-SL8A 	LMSAS-04BMMM-SL8A 	LMSAS-04BMMM-PL8A 	LMSAS-04BFFM-SL8A 	LMSDS-04BMMM-SL8A 
LMSAS-03BFFM-SL8B 	LMSAS-04BMMM-SL8B 	LMSAS-04BMMM-PL8B 	LMSAS-04BFFM-SL8B 	LMSDS-04BMMM-SL8B 
LMSAS-03BFFM-SL8D 	LMSAS-04BMMM-SL8D 	LMSAS-04BMMM-PL8D 	LMSAS-04BFFM-SL8D 	LMSDS-04BMMM-SL8D 
-	-	-	-	LMSDS-04BMMM-SL8E 
LMSAS-03BFFM-SL8N 	LMSAS-04BMMM-SL8N 	LMSAS-04BMMM-PL8N 	LMSAS-04BFFM-SL8N 	LMSDS-04BMMM-SL8N 
LSM12A-03BFFM-SL8A 	LSM12A-04BMMM-SL8A 	LSM12A-04BMMM-PL8A 	LSM12A-04BFFM-SL8A 	LSM12D-04BMMM-SL8A 
LSM12A-03BFFM-SL8B 	LSM12A-04BMMM-SL8B 	LSM12A-04BMMM-PL8B 	LSM12A-04BFFM-SL8B 	LSM12D-04BMMM-SL8B 
LSM12A-03BFFM-SL8D 	LSM12A-04BMMM-SL8D 	LSM12A-04BMMM-PL8D 	LSM12A-04BFFM-SL8D 	LSM12D-04BMMM-SL8D 
-	-	-	-	LSM12D-04BMMM-SL8E 
LSM12A-03BFFM-SL8N 	LSM12A-04BMMM-SL8N 	LSM12A-04BMMM-PL8N 	LSM12A-04BFFM-SL8N 	LSM12D-04BMMM-SL8N 
LSMSAS-03BFFM-SL8A 	LSMSAS-04BMMM-SL8A 	LSMSAS-04BMMM-PL8A 	LSMSAS-04BFFM-SL8A 	LSMSDS-04BMMM-SL8A 
LSMSAS-03BFFM-SL8B 	LSMSAS-04BMMM-SL8B 	LSMSAS-04BMMM-PL8B 	LSMSAS-04BFFM-SL8B 	LSMSDS-04BMMM-SL8B 
LSMSAS-03BFFM-SL8D 	LSMSAS-04BMMM-SL8D 	LSMSAS-04BMMM-PL8D 	LSMSAS-04BFFM-SL8D 	LSMSDS-04BMMM-SL8D 
-	-	-	-	LSMSDS-04BMMM-SL8E 
LSMSAS-03BFFM-SL8N 	LSMSAS-04BMMM-SL8N 	LSMSAS-04BMMM-PL8N 	LSMSAS-04BFFM-SL8N 	LSMSDS-04BMMM-SL8N 
LMSAP-03BFFM-SR8A 	LMSAP-04BMMM-SR8A 	-	LMSAP-04BFFM-SR8A 	LMSDP-04BMMM-SR8A 
LMSAP-03BFFM-SR8B 	LMSAP-04BMMM-SR8B 	-	LMSAP-04BFFM-SR8B 	LMSDP-04BMMM-SR8B 
LMSAP-03BFFM-SR8D 	LMSAP-04BMMM-SR8D 	-	LMSAP-04BFFM-SR8D 	LMSDP-04BMMM-SR8D 
-	-	-	-	LMSDP-04BMMM-SR8E 
LMSAP-03BFFM-SR8B 	LMSAP-04BMMM-SR8B 	-	LMSAP-04BFFM-SR8B 	LMSDP-04BMMM-SR8N 
LM12A-03BFFM-SR8A 	LM12A-04BMMM-SR8A 	LM12A-04BMMM-PR8A 	LM12A-04BFFM-SR8A 	LM12D-04BMMM-SR8A 
LM12A-03BFFM-SR8B 	LM12A-04BMMM-SR8B 	LM12A-04BMMM-PR8B 	LM12A-04BFFM-SR8B 	LM12D-04BMMM-SR8B 
LM12A-03BFFM-SR8D	LM12A-04BMMM-SR8D	LM12A-04BMMM-PR8D	LM12A-04BFFM-SR8D	LM12D-04BMMM-SR8D
-	-	-	-	LM12D-04BMMM-SR8E
LM12A-03BFFM-SR8N	LM12A-04BMMM-SR8N	LM12A-04BMMM-PR8N	LM12A-04BFFM-SR8N	LM12D-04BMMM-SR8N
LMSAS-03BFFM-SR8A	LMSAS-04BMMM-SR8A	LMSAS-04BMMM-PR8A	LMSAS-04BFFM-SR8A	LMSDS-04BMMM-SR8A
LMSAS-03BFFM-SR8B	LMSAS-04BMMM-SR8B	LMSAS-04BMMM-PR8B	LMSAS-04BFFM-SR8B	LMSDS-04BMMM-SR8B
LMSAS-03BFFM-SR8D	LMSAS-04BMMM-SR8D	LMSAS-04BMMM-PR8D	LMSAS-04BFFM-SR8D	LMSDS-04BMMM-SR8D
-	-	-	-	LMSDS-04BMMM-SR8E
LMSAS-03BFFM-SR8N	LMSAS-04BMMM-SR8N	LMSAS-04BMMM-PR8N	LMSAS-04BFFM-SR8N	LMSDS-04BMMM-SR8N

Number of Contacts	1) ———— 2) ———— 4) ———— 3) ———— 5) ———— Green Orange Orange	4 (LED)	
Coding		D	
Rated Voltage (AC/DC)		250V	
Nominal current		4A	
Pin Assignment		MPronto-12 (M/M)	FF
MM : Male Connector Male Contact			
FF : Female Connector Female Contact			

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	LMSDP-04BFFM-SL8A 10 *
		UL20549, PUR Jacket	-	LMSDP-04BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	-	LMSDP-04BFFM-SL8D 10 *
		Cat. 5e, PUR Jacket	-	LMSDP-04BFFM-SL8E 10 *
		UL20549, High Flex / Bending PUR	-	LMSDP-04BFFM-SL8N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12D-04BMMM-PL8A 10 *	LM12D-04BFFM-SL8A 10 *
		UL20549, PUR Jacket	LM12D-04BMMM-PL8B 10 *	LM12D-04BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	LM12D-04BMMM-PL8D 10 *	LM12D-04BFFM-SL8D 10 *
		Cat. 5e, PUR Jacket	LM12D-04BMMM-PL8E 10 *	LM12D-04BFFM-SL8E 10 *
		UL20549, High Flex / Bending PUR	LM12D-04BMMM-PL8N 10 *	LM12D-04BFFM-SL8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSDS-04BMMM-PL8A 10 *	LMSDS-04BFFM-SL8A 10 *
		UL20549, PUR Jacket	LMSDS-04BMMM-PL8B 10 *	LMSDS-04BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	LMSDS-04BMMM-PL8D 10 *	LMSDS-04BFFM-SL8D 10 *
		Cat. 5e, PUR Jacket	LMSDS-04BMMM-PL8E 10 *	LMSDS-04BFFM-SL8E 10 *
		UL20549, High Flex / Bending PUR	LMSDS-04BMMM-PL8N 10 *	LMSDS-04BFFM-SL8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12D-04BMMM-PL8A 10 *	LSM12D-04BFFM-SL8A 10 *
		UL20549, PUR Jacket	LSM12D-04BMMM-PL8B 10 *	LSM12D-04BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	LSM12D-04BMMM-PL8D 10 *	LSM12D-04BFFM-SL8D 10 *
		Cat. 5e, PUR Jacket	LSM12D-04BMMM-PL8E 10 *	LSM12D-04BFFM-SL8E 10 *
		UL20549, High Flex / Bending PUR	LSM12D-04BMMM-PL8N 10 *	LSM12D-04BFFM-SL8N 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSDS-04BMMM-PL8A 10 *	LSMSDS-04BFFM-SL8A 10 *
		UL20549, PUR Jacket	LSMSDS-04BMMM-PL8B 10 *	LSMSDS-04BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	LSMSDS-04BMMM-PL8D 10 *	LSMSDS-04BFFM-SL8D 10 *
		Cat. 5e, PUR Jacket	LSMSDS-04BMMM-PL8E 10 *	LSMSDS-04BFFM-SL8E 10 *
		UL20549, High Flex / Bending PUR	LSMSDS-04BMMM-PL8N 10 *	LSMSDS-04BFFM-SL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	LMSDP-04BFFM-SR8A 10 *
		UL20549, PUR Jacket	-	LMSDP-04BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	-	LMSDP-04BFFM-SR8D 10 *
		Cat. 5e, PUR Jacket	-	LMSDP-04BFFM-SR8E 10 *
		UL20549, High Flex / Bending PUR	-	LMSDP-04BFFM-SR8N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12D-04BMMM-PR8A 10 *	LM12D-04BFFM-SR8A 10 *
		UL20549, PUR Jacket	LM12D-04BMMM-PR8B 10 *	LM12D-04BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	LM12D-04BMMM-PR8D 10 *	LM12D-04BFFM-SR8D 10 *
		Cat. 5e, PUR Jacket	LM12D-04BMMM-PR8E 10 *	LM12D-04BFFM-SR8E 10 *
		UL20549, High Flex / Bending PUR	LM12D-04BMMM-PR8N 10 *	LM12D-04BFFM-SR8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSDS-04BMMM-PR8A 10 *	LMSDS-04BFFM-SR8A 10 *
		UL20549, PUR Jacket	LMSDS-04BMMM-PR8B 10 *	LMSDS-04BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	LMSDS-04BMMM-PR8D 10 *	LMSDS-04BFFM-SR8D 10 *
		Cat. 5e, PUR Jacket	LMSDS-04BMMM-PR8E 10 *	LMSDS-04BFFM-SR8E 10 *
		UL20549, High Flex / Bending PUR	LMSDS-04BMMM-PR8N 10 *	LMSDS-04BFFM-SR8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12D-04BMMM-PR8A 10 *	LSM12D-04BFFM-SR8A 10 *
		UL20549, PUR Jacket	LSM12D-04BMMM-PR8B 10 *	LSM12D-04BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	LSM12D-04BMMM-PR8D 10 *	LSM12D-04BFFM-SR8D 10 *
		Cat. 5e, PUR Jacket	LSM12D-04BMMM-PR8E 10 *	LSM12D-04BFFM-SR8E 10 *
		UL20549, High Flex / Bending PUR	LSM12D-04BMMM-PR8N 10 *	LSM12D-04BFFM-SR8N 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSDS-04BMMM-PR8A 10 *	LSMSDS-04BFFM-SR8A 10 *
		UL20549, PUR Jacket	LSMSDS-04BMMM-PR8B 10 *	LSMSDS-04BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	LSMSDS-04BMMM-PR8D 10 *	LSMSDS-04BFFM-SR8D 10 *
		Cat. 5e, PUR Jacket	LSMSDS-04BMMM-PR8E 10 *	LSMSDS-04BFFM-SR8E 10 *
		UL20549, High Flex / Bending PUR	LSMSDS-04BMMM-PR8N 10 *	LSMSDS-04BFFM-SR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (LED)			5 (LED)	
A			B	
60V			60V	
4A			4A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
LMSAP-05BMMM-SL8A ¹⁰ *	-	LMSAP-05BFFM-SL8A ¹⁰ *	LMSBP-05BMMM-SL8A ¹⁰ *	-
LMSAP-05BMMM-SL8B ¹⁰ *	-	LMSAP-05BFFM-SL8B ¹⁰ *	LMSBP-05BMMM-SL8B ¹⁰ *	-
LMSAP-05BMMM-SL8D ¹⁰ *	-	LMSAP-05BFFM-SL8D ¹⁰ *	LMSBP-05BMMM-SL8D ¹⁰ *	-
-	-	-	-	-
LMSAP-05BMMM-SL8N ¹⁰ *	-	LMSAP-05BFFM-SL8N ¹⁰ *	LMSBP-05BMMM-SL8N ¹⁰ *	-
LM12A-05BMMM-SL8A ¹⁰ *	LM12A-05BMMM-PL8A ¹⁰ *	LM12A-05BFFM-SL8A ¹⁰ *	LM12B-05BMMM-SL8A ¹⁰ *	LM12B-05BMMM-PL8A ¹⁰ *
LM12A-05BMMM-SL8B ¹⁰ *	LM12A-05BMMM-PL8B ¹⁰ *	LM12A-05BFFM-SL8B ¹⁰ *	LM12B-05BMMM-SL8B ¹⁰ *	LM12B-05BMMM-PL8B ¹⁰ *
LM12A-05BMMM-SL8D ¹⁰ *	LM12A-05BMMM-PL8D ¹⁰ *	LM12A-05BFFM-SL8D ¹⁰ *	LM12B-05BMMM-SL8D ¹⁰ *	LM12B-05BMMM-PL8D ¹⁰ *
-	-	-	-	-
LM12A-05BMMM-SL8N ¹⁰ *	LM12A-05BMMM-PL8N ¹⁰ *	LM12A-05BFFM-SL8N ¹⁰ *	LM12B-05BMMM-SL8N ¹⁰ *	LM12B-05BMMM-PL8N ¹⁰ *
LMSAS-05BMMM-SL8A ¹⁰ *	LMSAS-05BMMM-PL8A ¹⁰ *	LMSAS-05BFFM-SL8A ¹⁰ *	LMSBS-05BMMM-SL8A ¹⁰ *	LMSBS-05BMMM-PL8A ¹⁰ *
LMSAS-05BMMM-SL8B ¹⁰ *	LMSAS-05BMMM-PL8B ¹⁰ *	LMSAS-05BFFM-SL8B ¹⁰ *	LMSBS-05BMMM-SL8B ¹⁰ *	LMSBS-05BMMM-PL8B ¹⁰ *
LMSAS-05BMMM-SL8D ¹⁰ *	LMSAS-05BMMM-PL8D ¹⁰ *	LMSAS-05BFFM-SL8D ¹⁰ *	LMSBS-05BMMM-SL8D ¹⁰ *	LMSBS-05BMMM-PL8D ¹⁰ *
-	-	-	-	-
LMSAS-05BMMM-SL8N ¹⁰ *	LMSAS-05BMMM-PL8N ¹⁰ *	LMSAS-05BFFM-SL8N ¹⁰ *	LMSBS-05BMMM-SL8N ¹⁰ *	LMSBS-05BMMM-PL8N ¹⁰ *
LSM12A-05BMMM-SL8A ¹⁰ *	LSM12A-05BMMM-PL8A ¹⁰ *	LSM12A-05BFFM-SL8A ¹⁰ *	LSM12B-05BMMM-SL8A ¹⁰ *	LSM12B-05BMMM-PL8A ¹⁰ *
LSM12A-05BMMM-SL8B ¹⁰ *	LSM12A-05BMMM-PL8B ¹⁰ *	LSM12A-05BFFM-SL8B ¹⁰ *	LSM12B-05BMMM-SL8B ¹⁰ *	LSM12B-05BMMM-PL8B ¹⁰ *
LSM12A-05BMMM-SL8D ¹⁰ *	LSM12A-05BMMM-PL8D ¹⁰ *	LSM12A-05BFFM-SL8D ¹⁰ *	LSM12B-05BMMM-SL8D ¹⁰ *	LSM12B-05BMMM-PL8D ¹⁰ *
-	-	-	-	-
LSM12A-05BMMM-SL8N ¹⁰ *	LSM12A-05BMMM-PL8N ¹⁰ *	LSM12A-05BFFM-SL8N ¹⁰ *	LSM12B-05BMMM-SL8N ¹⁰ *	LSM12B-05BMMM-PL8N ¹⁰ *
LSMSAS-05BMMM-SL8A ¹⁰ *	LSMSAS-05BMMM-PL8A ¹⁰ *	LSMSAS-05BFFM-SL8A ¹⁰ *	LSMSBS-05BMMM-SL8A ¹⁰ *	LSMSBS-05BMMM-PL8A ¹⁰ *
LSMSAS-05BMMM-SL8B ¹⁰ *	LSMSAS-05BMMM-PL8B ¹⁰ *	LSMSAS-05BFFM-SL8B ¹⁰ *	LSMSBS-05BMMM-SL8B ¹⁰ *	LSMSBS-05BMMM-PL8B ¹⁰ *
LSMSAS-05BMMM-SL8D ¹⁰ *	LSMSAS-05BMMM-PL8D ¹⁰ *	LSMSAS-05BFFM-SL8D ¹⁰ *	LSMSBS-05BMMM-SL8D ¹⁰ *	LSMSBS-05BMMM-PL8D ¹⁰ *
-	-	-	-	-
LSMSAS-05BMMM-SL8N ¹⁰ *	LSMSAS-05BMMM-PL8N ¹⁰ *	LSMSAS-05BFFM-SL8N ¹⁰ *	LSMSBS-05BMMM-SL8N ¹⁰ *	LSMSBS-05BMMM-PL8N ¹⁰ *
LMSAP-05BMMM-SR8A ¹⁰ *	-	LMSAP-05BFFM-SR8A ¹⁰ *	LMSBP-05BMMM-SR8A ¹⁰ *	-
LMSAP-05BMMM-SR8B ¹⁰ *	-	LMSAP-05BFFM-SR8B ¹⁰ *	LMSBP-05BMMM-SR8B ¹⁰ *	-
LMSAP-05BMMM-SR8D ¹⁰ *	-	LMSAP-05BFFM-SR8D ¹⁰ *	LMSBP-05BMMM-SR8D ¹⁰ *	-
-	-	-	-	-
LMSAP-05BMMM-SR8B ¹⁰ *	-	LMSAP-05BFFM-SR8B ¹⁰ *	LMSBP-05BMMM-SR8B ¹⁰ *	-
LM12A-05BMMM-SR8A ¹⁰ *	LM12A-05BMMM-PR8A ¹⁰ *	LM12A-05BFFM-SR8A ¹⁰ *	LM12B-05BMMM-SR8A ¹⁰ *	LM12B-05BMMM-PR8A ¹⁰ *
LM12A-05BMMM-SR8B ¹⁰ *	LM12A-05BMMM-PR8B ¹⁰ *	LM12A-05BFFM-SR8B ¹⁰ *	LM12B-05BMMM-SR8B ¹⁰ *	LM12B-05BMMM-PR8B ¹⁰ *
LM12A-05BMMM-SR8D ¹⁰ *	LM12A-05BMMM-PR8D ¹⁰ *	LM12A-05BFFM-SR8D ¹⁰ *	LM12B-05BMMM-SR8D ¹⁰ *	LM12B-05BMMM-PR8D ¹⁰ *
-	-	-	-	-
LM12A-05BMMM-SR8N ¹⁰ *	LM12A-05BMMM-PR8N ¹⁰ *	LMSAP-05BFFM-SR8B ¹⁰ *	LM12B-05BMMM-SR8N ¹⁰ *	LM12B-05BMMM-PR8N ¹⁰ *
LMSAS-05BMMM-SR8A ¹⁰ *	LMSAS-05BMMM-PR8A ¹⁰ *	LMSAS-05BFFM-SR8A ¹⁰ *	LMSBS-05BMMM-SR8A ¹⁰ *	LMSBS-05BMMM-PR8A ¹⁰ *
LMSAS-05BMMM-SR8B ¹⁰ *	LMSAS-05BMMM-PR8B ¹⁰ *	LMSAS-05BFFM-SR8B ¹⁰ *	LMSBS-05BMMM-SR8B ¹⁰ *	LMSBS-05BMMM-PR8B ¹⁰ *
LMSAS-05BMMM-SR8D ¹⁰ *	LMSAS-05BMMM-PR8D ¹⁰ *	LMSAS-05BFFM-SR8D ¹⁰ *	LMSBS-05BMMM-SR8D ¹⁰ *	LMSBS-05BMMM-PR8D ¹⁰ *
-	-	-	-	-
LMSAS-05BMMM-SR8N ¹⁰ *	LMSAS-05BMMM-PR8N ¹⁰ *	LMSAS-05BFFM-SR8N ¹⁰ *	LMSBS-05BMMM-SR8N ¹⁰ *	LMSBS-05BMMM-PR8N ¹⁰ *
LSM12A-05BMMM-SR8A ¹⁰ *	LSM12A-05BMMM-PR8A ¹⁰ *	LSM12A-05BFFM-SR8A ¹⁰ *	LSM12B-05BMMM-SR8A ¹⁰ *	LSM12B-05BMMM-PR8A ¹⁰ *
LSM12A-05BMMM-SR8B ¹⁰ *	LSM12A-05BMMM-PR8B ¹⁰ *	LSM12A-05BFFM-SR8B ¹⁰ *	LSM12B-05BMMM-SR8B ¹⁰ *	LSM12B-05BMMM-PR8B ¹⁰ *
LSM12A-05BMMM-SR8D ¹⁰ *	LSM12A-05BMMM-PR8D ¹⁰ *	LSM12A-05BFFM-SR8D ¹⁰ *	LSM12B-05BMMM-SR8D ¹⁰ *	LSM12B-05BMMM-PR8D ¹⁰ *
-	-	-	-	-
LSM12A-05BMMM-SR8N ¹⁰ *	LSM12A-05BMMM-PR8N ¹⁰ *	LSM12A-05BFFM-SR8N ¹⁰ *	LSM12B-05BMMM-SR8N ¹⁰ *	LSM12B-05BMMM-PR8N ¹⁰ *
LSMSAS-05BMMM-SR8A ¹⁰ *	LSMSAS-05BMMM-PR8A ¹⁰ *	LSMSAS-05BFFM-SR8A ¹⁰ *	LSMSBS-05BMMM-SR8A ¹⁰ *	LSMSBS-05BMMM-PR8A ¹⁰ *
LSMSAS-05BMMM-SR8B ¹⁰ *	LSMSAS-05BMMM-PR8B ¹⁰ *	LSMSAS-05BFFM-SR8B ¹⁰ *	LSMSBS-05BMMM-SR8B ¹⁰ *	LSMSBS-05BMMM-PR8B ¹⁰ *
LSMSAS-05BMMM-SR8D ¹⁰ *	LSMSAS-05BMMM-PR8D ¹⁰ *	LSMSAS-05BFFM-SR8D ¹⁰ *	LSMSBS-05BMMM-SR8D ¹⁰ *	LSMSBS-05BMMM-PR8D ¹⁰ *
-	-	-	-	-
LSMSAS-05BMMM-SR8N ¹⁰ *	LSMSAS-05BMMM-PR8N ¹⁰ *	LSMSAS-05BFFM-SR8N ¹⁰ *	LSMSBS-05BMMM-SR8N ¹⁰ *	LSMSBS-05BMMM-PR8N ¹⁰ *

Number of Contacts		5 (LED)
Coding		B
Rated Voltage (AC/DC)		60V
Nominal current		4A
Pin Assignment FF: Female Connector Female Contact		FF

STRAIGHT, Overmolded Cable Assembly, Free Cable End

¹⁰ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSBP-05BFFM-SL8A ¹⁰ *
		UL20549, PUR Jacket	LMSBP-05BFFM-SL8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LMSBP-05BFFM-SL8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LMSBP-05BFFM-SL8N ¹⁰ *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12B-05BFFM-SL8A ¹⁰ *
		UL20549, PUR Jacket	LM12B-05BFFM-SL8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LM12B-05BFFM-SL8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LM12B-05BFFM-SL8N ¹⁰ *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSBS-05BFFM-SL8A ¹⁰ *
		UL20549, PUR Jacket	LMSBS-05BFFM-SL8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LMSBS-05BFFM-SL8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LMSBS-05BFFM-SL8N ¹⁰ *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12B-05BFFM-SL8A ¹⁰ *
		UL20549, PUR Jacket	LSM12B-05BFFM-SL8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LSM12B-05BFFM-SL8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LSM12B-05BFFM-SL8N ¹⁰ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSBS-05BFFM-SL8A ¹⁰ *
		UL20549, PUR Jacket	LSMSBS-05BFFM-SL8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LSMSBS-05BFFM-SL8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LSMSBS-05BFFM-SL8N ¹⁰ *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

¹⁰ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSBP-05BFFM-SR8A ¹⁰ *
		UL20549, PUR Jacket	LMSBP-05BFFM-SR8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LMSBP-05BFFM-SR8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LMSBP-05BFFM-SR8B ¹⁰ *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12B-05BFFM-SR8A ¹⁰ *
		UL20549, PUR Jacket	LM12B-05BFFM-SR8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LM12B-05BFFM-SR8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LM12B-05BFFM-SR8N ¹⁰ *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSBS-05BFFM-SR8A ¹⁰ *
		UL20549, PUR Jacket	LMSBS-05BFFM-SR8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LMSBS-05BFFM-SR8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LMSBS-05BFFM-SR8N ¹⁰ *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12B-05BFFM-SR8A ¹⁰ *
		UL20549, PUR Jacket	LSM12B-05BFFM-SR8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LSM12B-05BFFM-SR8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LSM12B-05BFFM-SR8N ¹⁰ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSBS-05BFFM-SR8A ¹⁰ *
		UL20549, PUR Jacket	LSMSBS-05BFFM-SR8B ¹⁰ *
		UL2517, PVC Jacket (Black)	LSMSBS-05BFFM-SR8D ¹⁰ *
		Cat. 5e, PUR Jacket	-
		UL20549, High Flex / Bending PUR	LSMSBS-05BFFM-SR8N ¹⁰ *

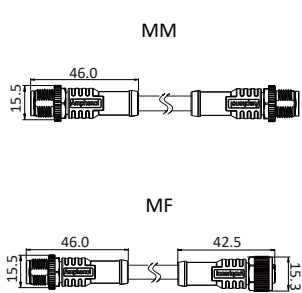
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	3 (LED)	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact		

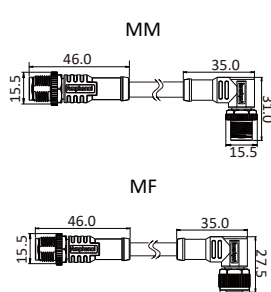
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

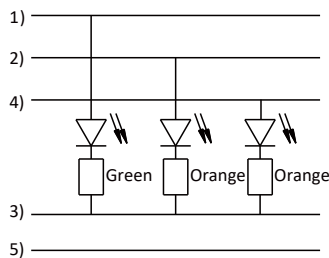
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP03ML-SAPML-SA 10 *	LMSAP03ML-SAPFL-SA 10 *
		UL20549, PUR Jacket	LMSAP03ML-SAPML-SB 10 *	LMSAP03ML-SAPFL-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAP03ML-SAPML-SD 10 *	LMSAP03ML-SAPFL-SD 10 *
		UL20549, High Flex / Bending PUR	LMSAP03ML-SAPML-SN 10 *	LMSAP03ML-SAPFL-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A03ML-12AML-SA 10 *	LM12A03ML-12AFL-SA 10 *
		UL20549, PUR Jacket	LM12A03ML-12AML-SB 10 *	LM12A03ML-12AFL-SB 10 *
		UL2517, PVC Jacket (Black)	LM12A03ML-12AML-SD 10 *	LM12A03ML-12AFL-SD 10 *
		UL20549, High Flex / Bending PUR	LM12A03ML-12AML-SN 10 *	LM12A03ML-12AFL-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS03ML-SASML-SA 10 *	LMSAS03ML-SASFL-SA 10 *
		UL20549, PUR Jacket	LMSAS03ML-SASML-SB 10 *	LMSAS03ML-SASFL-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAS03ML-SASML-SD 10 *	LMSAS03ML-SASFL-SD 10 *
		UL20549, High Flex / Bending PUR	LMSAS03ML-SASML-SN 10 *	LMSAS03ML-SASFL-SN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A03ML-12AML-SA 10 *	LSM12A03ML-12AFL-SA 10 *
		UL20549, PUR Jacket	LSM12A03ML-12AML-SB 10 *	LSM12A03ML-12AFL-SB 10 *
		UL2517, PVC Jacket (Black)	LSM12A03ML-12AML-SD 10 *	LSM12A03ML-12AFL-SD 10 *
		UL20549, High Flex / Bending PUR	LSM12A03ML-12AML-SN 10 *	LSM12A03ML-12AFL-SN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS03ML-SASML-SA 10 *	LSMSAS03ML-SASFL-SA 10 *
		UL20549, PUR Jacket	LSMSAS03ML-SASML-SB 10 *	LSMSAS03ML-SASFL-SB 10 *
		UL2517, PVC Jacket (Black)	LSMSAS03ML-SASML-SD 10 *	LSMSAS03ML-SASFL-SD 10 *
		UL20549, High Flex / Bending PUR	LSMSAS03ML-SASML-SN 10 *	LSMSAS03ML-SASFL-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP03ML-SAPMR-SA 10 *	LMSAP03ML-SAPFR-SA 10 *
		UL20549, PUR Jacket	LMSAP03ML-SAPMR-SB 10 *	LMSAP03ML-SAPFR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAP03ML-SAPMR-SD 10 *	LMSAP03ML-SAPFR-SD 10 *
		UL20549, High Flex / Bending PUR	LMSAP03ML-SAPMR-SN 10 *	LMSAP03ML-SAPFR-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A03ML-12AMR-SA 10 *	LM12A03ML-12AFR-SA 10 *
		UL20549, PUR Jacket	LM12A03ML-12AMR-SB 10 *	LM12A03ML-12AFR-SB 10 *
		UL2517, PVC Jacket (Black)	LM12A03ML-12AMR-SD 10 *	LM12A03ML-12AFR-SD 10 *
		UL20549, High Flex / Bending PUR	LM12A03ML-12AMR-SN 10 *	LM12A03ML-12AFR-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS03ML-SASMR-SA 10 *	LMSAS03ML-SASFR-SA 10 *
		UL20549, PUR Jacket	LMSAS03ML-SASMR-SB 10 *	LMSAS03ML-SASFR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAS03ML-SASMR-SD 10 *	LMSAS03ML-SASFR-SD 10 *
		UL20549, High Flex / Bending PUR	LMSAS03ML-SASMR-SN 10 *	LMSAS03ML-SASFR-SN 10 *



Number of Contacts	3 (LED)	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	LM12A03ML-12AML-PA 10 *
		UL20549, PUR Jacket	-	LM12A03ML-12AML-PB 10 *
		UL2517, PVC Jacket (Black)	-	LM12A03ML-12AML-PD 10 *
		UL20549, High Flex / Bending PUR	-	LM12A03ML-12AML-PN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	-	LMSAS03ML-SASML-PA 10 *
		UL20549, PUR Jacket	-	LMSAS03ML-SASML-PB 10 *
		UL2517, PVC Jacket (Black)	-	LMSAS03ML-SASML-PD 10 *
		UL20549, High Flex / Bending PUR	-	LMSAS03ML-SASML-PN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	-	LSM12A03ML-12AML-PA 10 *
		UL20549, PUR Jacket	-	LSM12A03ML-12AML-PB 10 *
		UL2517, PVC Jacket (Black)	-	LSM12A03ML-12AML-PD 10 *
		UL20549, High Flex / Bending PUR	-	LSM12A03ML-12AML-PN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	LSMSAS03ML-SASML-PA 10 *
		UL20549, PUR Jacket	-	LSMSAS03ML-SASML-PB 10 *
		UL2517, PVC Jacket (Black)	-	LSMSAS03ML-SASML-PD 10 *
		UL20549, High Flex / Bending PUR	-	LSMSAS03ML-SASML-PN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

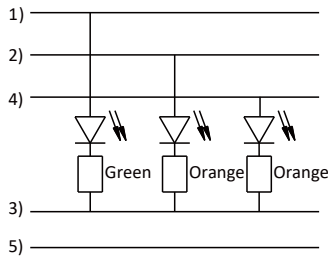
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP03FL-SAPMR-SA 10 *	-
		UL20549, PUR Jacket	LMSAP03FL-SAPMR-SB 10 *	-
		UL2517, PVC Jacket (Black)	LMSAP03FL-SAPMR-SD 10 *	-
		UL20549, High Flex / Bending PUR	LMSAP03FL-SAPMR-SN 10 *	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A03FL-12AMR-SA 10 *	LM12A03ML-12AMR-PA 10 *
		UL20549, PUR Jacket	LM12A03FL-12AMR-SB 10 *	LM12A03ML-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	LM12A03FL-12AMR-SD 10 *	LM12A03ML-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	LM12A03FL-12AMR-SN 10 *	LM12A03ML-12AMR-PN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS03FL-SASMR-SA 10 *	LMSAS03ML-SASMR-PA 10 *
		UL20549, PUR Jacket	LMSAS03FL-SASMR-SB 10 *	LMSAS03ML-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	LMSAS03FL-SASMR-SD 10 *	LMSAS03ML-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	LMSAS03FL-SASMR-SN 10 *	LMSAS03ML-SASMR-PN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (LED)		4 (LED)		
A		A		
250V		250V		
4A		4A		
FF	MM	MF	FM	MPronto-12 (M/M)
				
LMSAP03FL-SAPFL-SA 	LMSAP04ML-SAPML-SA 	LMSAP04ML-SAPFL-SA 	-	-
LMSAP03FL-SAPFL-SB 	LMSAP04ML-SAPML-SB 	LMSAP04ML-SAPFL-SB 	-	-
LMSAP03FL-SAPFL-SD 	LMSAP04ML-SAPML-SD 	LMSAP04ML-SAPFL-SD 	-	-
LMSAP03FL-SAPFL-SN 	LMSAP04ML-SAPML-SN 	LMSAP04ML-SAPFL-SN 	-	-
LM12A03FL-12AFL-SA 	LM12A04ML-12AML-SA 	LM12A04ML-12AFL-SA 	-	LM12A04ML-12AML-PA 
LM12A03FL-12AFL-SB 	LM12A04ML-12AML-SB 	LM12A04ML-12AFL-SB 	-	LM12A04ML-12AML-PB 
LM12A03FL-12AFL-SD 	LM12A04ML-12AML-SD 	LM12A04ML-12AFL-SD 	-	LM12A04ML-12AML-PD 
LM12A03FL-12AFL-SN 	LM12A04ML-12AML-SN 	LM12A04ML-12AFL-SN 	-	LM12A04ML-12AML-PN 
LMSAS03FL-SASFL-SA 	LMSAS04ML-SASML-SA 	LMSAS04ML-SASFL-SA 	-	LMSAS04ML-SASML-PA 
LMSAS03FL-SASFL-SB 	LMSAS04ML-SASML-SB 	LMSAS04ML-SASFL-SB 	-	LMSAS04ML-SASML-PB 
LMSAS03FL-SASFL-SD 	LMSAS04ML-SASML-SD 	LMSAS04ML-SASFL-SD 	-	LMSAS04ML-SASML-PD 
LMSAS03FL-SASFL-SN 	LMSAS04ML-SASML-SN 	LMSAS04ML-SASFL-SN 	-	LMSAS04ML-SASML-PN 
LSM12A03FL-12AFL-SA 	LSM12A04ML-12AML-SA 	LSM12A04ML-12AFL-SA 	-	LSM12A04ML-12AML-PA 
LSM12A03FL-12AFL-SB 	LSM12A04ML-12AML-SB 	LSM12A04ML-12AFL-SB 	-	LSM12A04ML-12AML-PB 
LSM12A03FL-12AFL-SD 	LSM12A04ML-12AML-SD 	LSM12A04ML-12AFL-SD 	-	LSM12A04ML-12AML-PD 
LSM12A03FL-12AFL-SN 	LSM12A04ML-12AML-SN 	LSM12A04ML-12AFL-SN 	-	LSM12A04ML-12AML-PN 
LSMSAS03FL-SASFL-SA 	LSMSAS04ML-SASML-SA 	LSMSAS04ML-SASFL-SA 	-	LSMSAS04ML-SASML-PA 
LSMSAS03FL-SASFL-SB 	LSMSAS04ML-SASML-SB 	LSMSAS04ML-SASFL-SB 	-	LSMSAS04ML-SASML-PB 
LSMSAS03FL-SASFL-SD 	LSMSAS04ML-SASML-SD 	LSMSAS04ML-SASFL-SD 	-	LSMSAS04ML-SASML-PD 
LSMSAS03FL-SASFL-SN 	LSMSAS04ML-SASML-SN 	LSMSAS04ML-SASFL-SN 	-	LSMSAS04ML-SASML-PN 
LMSAP03FL-SAPFR-SA 	LMSAP04ML-SAPMR-SA 	LMSAP04ML-SAPFR-SA 	LMSAP04FL-SAPMR-SA 	-
LMSAP03FL-SAPFR-SD 	LMSAP04ML-SAPMR-SB 	LMSAP04ML-SAPFR-SB 	LMSAP04FL-SAPMR-SD 	-
LMSAP03FL-SAPFR-SD 	LMSAP04ML-SAPMR-SD 	LMSAP04ML-SAPFR-SD 	LMSAP04FL-SAPMR-SD 	-
LMSAP03FL-SAPFR-SN 	LMSAP04ML-SAPMR-SN 	LMSAP04ML-SAPFR-SN 	LMSAP04FL-SAPMR-SN 	-
LM12A03FL-12AFR-SA 	LM12A04ML-12AMR-SA 	LM12A04ML-12AFR-SA 	LM12A04FL-12AMR-SA 	LM12A04ML-12AMR-PA 
LM12A03FL-12AFR-SB 	LM12A04ML-12AMR-SB 	LM12A04ML-12AFR-SB 	LM12A04FL-12AMR-SB 	LM12A04ML-12AMR-PB 
LM12A03FL-12AFR-SD 	LM12A04ML-12AMR-SD 	LM12A04ML-12AFR-SD 	LM12A04FL-12AMR-SD 	LM12A04ML-12AMR-PD 
LM12A03FL-12AFR-SN 	LM12A04ML-12AMR-SN 	LM12A04ML-12AFR-SN 	LM12A04FL-12AMR-SN 	LM12A04ML-SAPMR-PN 
LMSAS03FL-SASFR-SA 	LMSAS04ML-SASMR-SA 	LMSAS04ML-SASFR-SA 	LMSAS04FL-SASMR-SA 	LMSAS04ML-SASMR-PA 
LMSAS03FL-SASFR-SB 	LMSAS04ML-SASMR-SB 	LMSAS04ML-SASFR-SB 	LMSAS04FL-SASMR-SB 	LMSAS04ML-SASMR-PB 
LMSAS03FL-SASFR-SD 	LMSAS04ML-SASMR-SD 	LMSAS04ML-SASFR-SD 	LMSAS04FL-SASMR-SD 	LMSAS04ML-SASMR-PD 
LMSAS03FL-SASFR-SN 	LMSAS04ML-SASMR-SN 	LMSAS04ML-SASFR-SN 	LMSAS04FL-SASMR-SN 	LMSAS04ML-SASMR-PN 



Number of Contacts	4 (LED)	4 (LED)
Coding	A	D
Rated Voltage (AC/DC)	250V	250V
Nominal current	4A	4A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP04FL-SAPFL-SA 10 *	LMSDP04ML-SDPML-SA 10 *
		UL20549, PUR Jacket	LMSAP04FL-SAPFL-SB 10 *	LMSDP04ML-SDPML-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAP04FL-SAPFL-SD 10 *	LMSDP04ML-SDPML-SD 10 *
		Cat. 5e, PUR Jacket	-	LMSDP04ML-SDPML-SE 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	LMSAP04FL-SAPFL-SN 10 *	LMSDP04ML-SDPML-SN 10 *
		UL2517, PVC Jacket (Yellow)	LM12A04FL-12AFL-SA 10 *	LM12D04ML-12DML-SA 10 *
		UL20549, PUR Jacket	LM12A04FL-12AFL-SB 10 *	LM12D04ML-12DML-SB 10 *
		UL2517, PVC Jacket (Black)	LM12A04FL-12AFL-SD 10 *	LM12D04ML-12DML-SD 10 *
	Shielded	Cat. 5e, PUR Jacket	-	LM12D04ML-12DML-SE 10 *
		UL20549, High Flex / Bending PUR	LM12A04FL-12AFL-SN 10 *	LM12D04ML-12DML-SN 10 *
		UL2517, PVC Jacket (Yellow)	LMSAS04FL-SASFL-SA 10 *	LMSDS04ML-SDSML-SA 10 *
		UL20549, PUR Jacket	LMSAS04FL-SASFL-SB 10 *	LMSDS04ML-SDSML-SB 10 *
	Stainless	UL2517, PVC Jacket (Black)	LMSAS04FL-SASFL-SD 10 *	LMSDS04ML-SDSML-SD 10 *
		Cat. 5e, PUR Jacket	-	LMSDS04ML-SDSML-SE 10 *
		UL20549, High Flex / Bending PUR	LMSAS04FL-SASFL-SN 10 *	LMSDS04ML-SDSML-SN 10 *
		UL2517, PVC Jacket (Yellow)	LSM12A04FL-12AFL-SA 10 *	LSM12D04ML-12DML-SA 10 *
	Stainless Shielded	UL20549, PUR Jacket	LSM12A04FL-12AFL-SB 10 *	LSM12D04ML-12DML-SB 10 *
		UL2517, PVC Jacket (Black)	LSM12A04FL-12AFL-SD 10 *	LSM12D04ML-12DML-SD 10 *
		Cat. 5e, PUR Jacket	-	LSM12D04ML-12DML-SE 10 *
		UL20549, High Flex / Bending PUR	LSM12A04FL-12AFL-SN 10 *	LSM12D04ML-12DML-SN 10 *
		UL2517, PVC Jacket (Yellow)	LSMSAS04FL-SASFL-SA 10 *	LSMSDS04ML-SDSML-SA 10 *
		UL20549, PUR Jacket	LSMSAS04FL-SASFL-SB 10 *	LSMSDS04ML-SDSML-SB 10 *
		UL2517, PVC Jacket (Black)	LSMSAS04FL-SASFL-SD 10 *	LSMSDS04ML-SDSML-SD 10 *
		Cat. 5e, PUR Jacket	-	LSMSDS04ML-SDSML-SE 10 *
		UL20549, High Flex / Bending PUR	LSMSAS04FL-SASFL-SN 10 *	LSMSDS04ML-SDSML-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

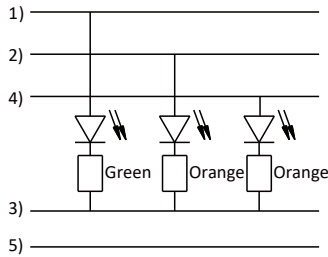
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP04FL-SAPFR-SA 10 *	LMSDP04ML-SDPMR-SA 10 *
		UL20549, PUR Jacket	LMSAP04FL-SAPFR-SB 10 *	LMSDP04ML-SDPMR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAP04FL-SAPFR-SD 10 *	LMSDP04ML-SDPMR-SD 10 *
		Cat. 5e, PUR Jacket	-	LMSDP04ML-SDPMR-SE 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	LMSAP04FL-SAPFR-SN 10 *	LMSDP04ML-SDPMR-SN 10 *
		UL2517, PVC Jacket (Yellow)	LM12A04FL-12AFR-SA 10 *	LM12D04ML-12DMR-SA 10 *
		UL20549, PUR Jacket	LM12A04FL-12AFR-SB 10 *	LM12D04ML-12DMR-SB 10 *
		UL2517, PVC Jacket (Black)	LM12A04FL-12AFR-SD 10 *	LM12D04ML-12DMR-SD 10 *
	Shielded	Cat. 5e, PUR Jacket	-	LM12D04ML-12DMR-SE 10 *
		UL20549, High Flex / Bending PUR	LM12A04FL-12AFR-SN 10 *	LM12D04ML-12DMR-SN 10 *
		UL2517, PVC Jacket (Yellow)	LMSAS04FL-SASFR-SA 10 *	LMSDS04ML-SDSMR-SA 10 *
		UL20549, PUR Jacket	LMSAS04FL-SASFR-SB 10 *	LMSDS04ML-SDSMR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSAS04FL-SASFR-SD 10 *	LMSDS04ML-SDSMR-SD 10 *
		Cat. 5e, PUR Jacket	-	LMSDS04ML-SDSMR-SE 10 *
		UL20549, High Flex / Bending PUR	LMSAS04FL-SASFR-SN 10 *	LMSDS04ML-SDSMR-SN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (LED)				5 (LED)
D				A
250V				60V
4A				4A
MF	FM	MPronto-12 (M/M)	FF	MM
				
LMSDP04ML-SDPFL-SA 	-	-	LMSDP04FL-SDPFL-SA 	LMSAP05ML-SAPML-SA 
LMSDP04ML-SDPFL-SB 	-	-	LMSDP04FL-SDPFL-SB 	LMSAP05ML-SAPML-SB 
LMSDP04ML-SDPFL-SD 	-	-	LMSDP04FL-SDPFL-SD 	LMSAP05ML-SAPML-SD 
LMSDP04ML-SDPFL-SE 	-	-	LMSDP04FL-SDPFL-SE 	-
LMSDP04ML-SDPFL-SN 	-	-	LMSDP04FL-SDPFL-SN 	LMSAP05ML-SAPML-SN 
LM12D04ML-12DFL-SA 	-	LM12D04ML-12DML-PA 	LM12D04FL-12DFL-SA 	LM12A05ML-12AML-SA 
LM12D04ML-12DFL-SB 	-	LM12D04ML-12DML-PB 	LM12D04FL-12DFL-SB 	LM12A05ML-12AML-SB 
LM12D04ML-12DFL-SD 	-	LM12D04ML-12DML-PD 	LM12D04FL-12DFL-SD 	LM12A05ML-12AML-SD 
LM12D04ML-12DFL-SE 	-	LM12D04ML-12DML-PE 	LM12D04FL-12DFL-SE 	-
LM12D04ML-12DFL-SN 	-	LM12D04ML-SDPML-PN 	LM12D04FL-12DFL-SN 	LM12A05ML-12AML-SE 
LMSDS04ML-SDSFL-SA 	-	LMSDS04ML-SDSML-PA 	LMSDS04FL-SDSFL-SA 	LMSAS05ML-SASML-SA 
LMSDS04ML-SDSFL-SB 	-	LMSDS04ML-SDSML-PB 	LMSDS04FL-SDSFL-SB 	LMSAS05ML-SASML-SB 
LMSDS04ML-SDSFL-SD 	-	LMSDS04ML-SDSML-PD 	LMSDS04FL-SDSFL-SD 	LMSAS05ML-SASML-SD 
LMSDS04ML-SDSFL-SE 	-	LMSDS04ML-SDSML-PE 	LMSDS04FL-SDSFL-SE 	-
LMSDS04ML-SDSFL-SN 	-	LMSDS04ML-SDSML-PN 	LMSDS04FL-SDSFL-SN 	LMSAS05ML-SASML-SN 
LSM12D04ML-12DFL-SA 	-	LSM12D04ML-12DML-PA 	LSM12D04FL-12DFL-SA 	LSM12A05ML-12AML-SA 
LSM12D04ML-12DFL-SB 	-	LSM12D04ML-12DML-PB 	LSM12D04FL-12DFL-SB 	LSM12A05ML-12AML-SB 
LSM12D04ML-12DFL-SD 	-	LSM12D04ML-12DML-PD 	LSM12D04FL-12DFL-SD 	LSM12A05ML-12AML-SD 
LSM12D04ML-12DFL-SE 	-	LSM12D04ML-SDPML-PE 	LSM12D04FL-12DFL-SE 	-
LSM12D04ML-12DFL-SN 	-	LSM12D04ML-SDPML-PN 	LSM12D04FL-12DFL-SN 	LSM12A05ML-12AML-SN 
LSMSDS04ML-SDSFL-SA 	-	LSMSDS04ML-SDSML-PA 	LSMSDS04FL-SDSFL-SA 	LSMSAS05ML-SASML-SA 
LSMSDS04ML-SDSFL-SB 	-	LSMSDS04ML-SDSML-PB 	LSMSDS04FL-SDSFL-SB 	LSMSAS05ML-SASML-SB 
LSMSDS04ML-SDSFL-SD 	-	LSMSDS04ML-SDSML-PD 	LSMSDS04FL-SDSFL-SD 	LSMSAS05ML-SASML-SD 
LSMSDS04ML-SDSFL-SE 	-	LSMSDS04ML-SDSML-PE 	LSMSDS04FL-SDSFL-SE 	-
LSMSDS04ML-SDSFL-SN 	-	LSMSDS04ML-SDSML-PN 	LSMSDS04FL-SDSFL-SN 	LSMSAS05ML-SASML-SN 
LMSDP04ML-SDPFR-SA 	LMSDP04FL-SDPFR-SA 	-	LMSDP04FL-SDPFR-SA 	LMSAP05ML-SAPFR-SA 
LMSDP04ML-SDPFR-SB 	LMSDP04FL-SDPFR-SB 	-	LMSDP04FL-SDPFR-SB 	LMSAP05ML-SAPFR-SB 
LMSDP04ML-SDPFR-SD 	LMSDP04FL-SDPFR-SD 	-	LMSDP04FL-SDPFR-SD 	LMSAP05ML-SAPFR-SD 
LMSDP04ML-SDPFR-SE 	LMSDP04FL-SDPFR-SE 	-	LMSDP04FL-SDPFR-SE 	-
LMSDP04ML-SDPFR-SN 	LMSDP04FL-SDPFR-SN 	-	LMSDP04FL-SDPFR-SN 	LMSAP05ML-SAPFR-SN 
LM12D04ML-12DFR-SA 	LM12D04FL-12DMR-SA 	LM12D04ML-12DMR-PA 	LM12D04FL-12DFR-SA 	LM12A05ML-12AMR-SA 
LM12D04ML-12DFR-SB 	LM12D04FL-12DMR-SB 	LM12D04ML-12DMR-PB 	LM12D04FL-12DFR-SB 	LM12A05ML-12AMR-SB 
LM12D04ML-12DFR-SD 	LM12D04FL-12DMR-SD 	LM12D04ML-12DMR-PD 	LM12D04FL-12DFR-SD 	LM12A05ML-12AMR-SD 
LM12D04ML-12DFR-SE 	LM12D04FL-12DMR-SE 	LM12D04ML-SDPFR-PE 	LM12D04FL-12DFR-SE 	-
LM12D04ML-12DFR-SN 	LM12D04FL-12DMR-SN 	LM12D04ML-SDPFR-PN 	LM12D04FL-12DFR-SN 	LM12A05ML-12AMR-SN 
LMSDS04ML-SDSFR-SA 	LMSDS04FL-SDSMR-SA 	LMSDS04ML-SDSMR-PA 	LMSDS04FL-SDSFR-SA 	LMSAS05ML-SASMR-SA 
LMSDS04ML-SDSFR-SB 	LMSDS04FL-SDSMR-SB 	LMSDS04ML-SDSMR-PB 	LMSDS04FL-SDSFR-SB 	LMSAS05ML-SASMR-SB 
LMSDS04ML-SDSFR-SD 	LMSDS04FL-SDSMR-SD 	LMSDS04ML-SDSMR-PD 	LMSDS04FL-SDSFR-SD 	LMSAS05ML-SASMR-SD 
LMSDS04ML-SDSFR-SE 	LMSDS04FL-SDSMR-SE 	LMSDS04ML-SDSMR-PE 	LMSDS04FL-SDSFR-SE 	-
LMSDS04ML-SDSFR-SN 	LMSDS04FL-SDSMR-SN 	LMSDS04ML-SDSMR-PN 	LMSDS04FL-SDSFR-SN 	LMSAS05ML-SASMR-SN 



Number of Contacts	5 (LED)	
Coding	A	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MF	FM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP05ML-SAPFL-SA ⑩*	-
		UL20549, PUR Jacket	LMSAP05ML-SAPFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	LMSAP05ML-SAPFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	LMSAP05ML-SAPFL-SN ⑩*	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A05ML-12AFL-SA ⑩*	-
		UL20549, PUR Jacket	LM12A05ML-12AFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	LM12A05ML-12AFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	LM12A05ML-12AFL-SN ⑩*	-
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS05ML-SASFL-SA ⑩*	-
		UL20549, PUR Jacket	LMSAS05ML-SASFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	LMSAS05ML-SASFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	LMSAS05ML-SASFL-SN ⑩*	-
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A05ML-12AFL-SA ⑩*	-
		UL20549, PUR Jacket	LSM12A05ML-12AFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	LSM12A05ML-12AFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	LSM12A05ML-12AFL-SN ⑩*	-
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS05ML-SASFL-SA ⑩*	-
		UL20549, PUR Jacket	LSMSAS05ML-SASFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	LSMSAS05ML-SASFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	LSMSAS05ML-SASFL-SN ⑩*	-

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

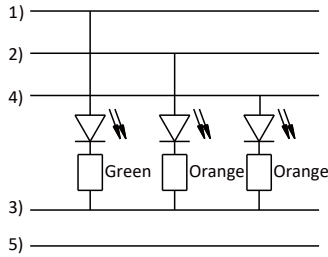
⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP05ML-SAPFR-SA ⑩*	LMSAP05FL-SAPMR-SA ⑩*
		UL20549, PUR Jacket	LMSAP05ML-SAPFR-SB ⑩*	LMSAP05FL-SAPMR-SB ⑩*
		UL2517, PVC Jacket (Black)	LMSAP05ML-SAPFR-SD ⑩*	LMSAP05FL-SAPMR-SD ⑩*
		UL20549, High Flex / Bending PUR	LMSAP05ML-SAPFR-SN ⑩*	LMSAP05FL-SAPMR-SN ⑩*
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A05ML-12AFR-SA ⑩*	LM12A05FL-12AMR-SA ⑩*
		UL20549, PUR Jacket	LM12A05ML-12AFR-SB ⑩*	LM12A05FL-12AMR-SB ⑩*
		UL2517, PVC Jacket (Black)	LM12A05ML-12AFR-SD ⑩*	LM12A05FL-12AMR-SD ⑩*
		UL20549, High Flex / Bending PUR	LM12A05ML-12AFR-SN ⑩*	LM12A05FL-12AMR-SN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS05ML-SASFR-SA ⑩*	LMSAS05FL-SASMR-SA ⑩*
		UL20549, PUR Jacket	LMSAS05ML-SASFR-SB ⑩*	LMSAS05FL-SASMR-SB ⑩*
		UL2517, PVC Jacket (Black)	LMSAS05ML-SASFR-SD ⑩*	LMSAS05FL-SASMR-SD ⑩*
		UL20549, High Flex / Bending PUR	LMSAS05ML-SASFR-SN ⑩*	LMSAS05FL-SASMR-SN ⑩*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (LED)		5 (LED)		
A		B		
60V		60V		
4A		4A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	LMSAP05FL-SAPFL-SA 	LMSBP05ML-SBPML-SA 	LMSBP05ML-SBPFL-SA 	-
-	LMSAP05FL-SAPFL-SB 	LMSBP05ML-SBPML-SB 	LMSBP05ML-SBPFL-SB 	-
-	LMSAP05FL-SAPFL-SD 	LMSBP05ML-SBPML-SD 	LMSBP05ML-SBPFL-SD 	-
-	LMSAP05FL-SAPFL-SN 	LMSBP05ML-SBPML-SN 	LMSBP05ML-SBPFL-SN 	-
LM12A05ML-12AML-PA 	LM12A05FL-12AFL-SA 	LM12B05ML-12BML-SA 	LM12B05ML-12BFL-SA 	-
LM12A05ML-12AML-PB 	LM12A05FL-12AFL-SB 	LM12B05ML-12BML-SB 	LM12B05ML-12BFL-SB 	-
LM12A05ML-12AML-PD 	LM12A05FL-12AFL-SD 	LM12B05ML-12BML-SD 	LM12B05ML-12BFL-SD 	-
LM12A05ML-12AML-PN 	LM12A05FL-12AFL-SN 	LM12B05ML-12BML-SN 	LM12B05ML-12BFL-SN 	-
LMSAS05ML-SASML-PA 	LMSAS05FL-SASFL-SA 	LMSBS05ML-SBSML-SA 	LMSBS05ML-SBSFL-SA 	-
LMSAS05ML-SASML-PB 	LMSAS05FL-SASFL-SB 	LMSBS05ML-SBSML-SB 	LMSBS05ML-SBSFL-SB 	-
LMSAS05ML-SASML-PD 	LMSAS05FL-SASFL-SD 	LMSBS05ML-SBSML-SD 	LMSBS05ML-SBSFL-SD 	-
LMSAS05ML-SASML-PN 	LMSAS05FL-SASFL-SN 	LMSBS05ML-SBSML-SN 	LMSBS05ML-SBSFL-SN 	-
LSM12A05ML-12AML-PA 	LSM12A05FL-12AFL-SA 	LSM12B05ML-12BML-SA 	LSM12B05ML-12BFL-SA 	-
LSM12A05ML-12AML-PB 	LSM12A05FL-12AFL-SB 	LSM12B05ML-12BML-SB 	LSM12B05ML-12BFL-SB 	-
LSM12A05ML-12AML-PD 	LSM12A05FL-12AFL-SD 	LSM12B05ML-12BML-SD 	LSM12B05ML-12BFL-SD 	-
LSM12A05ML-12AML-PN 	LSM12A05FL-12AFL-SN 	LSM12B05ML-12BML-SN 	LSM12B05ML-12BFL-SN 	-
LSMSAS05ML-SASML-PA 	LSMSAS05FL-SASFL-SA 	LSMSBS05ML-SBSML-SA 	LSMSBS05ML-SBSFL-SA 	-
LSMSAS05ML-SASML-PB 	LSMSAS05FL-SASFL-SB 	LSMSBS05ML-SBSML-SB 	LSMSBS05ML-SBSFL-SB 	-
LSMSAS05ML-SASML-PD 	LSMSAS05FL-SASFL-SD 	LSMSBS05ML-SBSML-SD 	LSMSBS05ML-SBSFL-SD 	-
LSMSAS05ML-SASML-PN 	LSMSAS05FL-SASFL-SN 	LSMSBS05ML-SBSML-SN 	LSMSBS05ML-SBSFL-SN 	-
-	LMSAP05FL-SAPFR-SA 	LMSBP05ML-SBPMR-SA 	LMSBP05ML-SBPFR-SA 	LMSBP05FL-SBPMR-SA 
-	LMSAP05FL-SAPFR-SB 	LMSBP05ML-SBPMR-SB 	LMSBP05ML-SBPFR-SB 	LMSBP05FL-SBPMR-SB 
-	LMSAP05FL-SAPFR-SD 	LMSBP05ML-SBPMR-SD 	LMSBP05ML-SBPFR-SD 	LMSBP05FL-SBPMR-SD 
-	LMSAP05FL-SAPFR-SN 	LMSBP05ML-SBPMR-SN 	LMSBP05ML-SBPFR-SN 	LMSBP05FL-SBPMR-SN 
LM12A05ML-12AMR-PA 	LM12A05FL-12AFR-SA 	LM12B05ML-12BMR-SA 	LM12B05ML-12BFR-SA 	LM12B05FL-12BMR-SA 
LM12A05ML-12AMR-PB 	LM12A05FL-12AFR-SB 	LM12B05ML-12BMR-SB 	LM12B05ML-12BFR-SB 	LM12B05FL-12BMR-SB 
LM12A05ML-12AMR-PN 	LM12A05FL-12AFR-SD 	LM12B05ML-12BMR-SD 	LM12B05ML-12BFR-SD 	LM12B05FL-12BMR-SD 
LM12A05ML-SAPMR-PN 	LM12A05FL-12AFR-SN 	LM12B05ML-12BMR-SN 	LM12B05ML-12BFR-SN 	LM12B05FL-12BMR-SN 
LMSAS05ML-SASMR-PA 	LMSAS05FL-SASFR-SA 	LMSBS05ML-SBSMR-SA 	LMSBS05ML-SBSFR-SA 	LMSBS05FL-SBSMR-SA 
LMSAS05ML-SASMR-PB 	LMSAS05FL-SASFR-SB 	LMSBS05ML-SBSMR-SB 	LMSBS05ML-SBSFR-SB 	LMSBS05FL-SBSMR-SB 
LMSAS05ML-SASMR-PD 	LMSAS05FL-SASFR-SD 	LMSBS05ML-SBSMR-SD 	LMSBS05ML-SBSFR-SD 	LMSBS05FL-SBSMR-SD 
LMSAS05ML-SASMR-PN	LMSAS05FL-SASFR-SN	LMSBS05ML-SBSMR-SN	LMSBS05ML-SBSFR-SN	LMSBS05FL-SBSMR-SN



Number of Contacts	5 (LED)	
Coding	B	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	LMSBP05FL-SBPFL-SA 10 *
		UL20549, PUR Jacket	-	LMSBP05FL-SBPFL-SB 10 *
		UL2517, PVC Jacket (Black)	-	LMSBP05FL-SBPFL-SD 10 *
		UL20549, High Flex / Bending PUR	-	LMSBP05FL-SBPFL-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12B05ML-12BML-PA 10 *	LM12B05FL-12BFL-SA 10 *
		UL20549, PUR Jacket	LM12B05ML-12BML-PB 10 *	LM12B05FL-12BFL-SB 10 *
		UL2517, PVC Jacket (Black)	LM12B05ML-12BML-PD 10 *	LM12B05FL-12BFL-SD 10 *
		UL20549, High Flex / Bending PUR	LM12B05ML-SBPML-PN 10 *	LM12B05FL-12BFL-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSBS05ML-SBSML-PA 10 *	LMSBS05FL-SBSFL-SA 10 *
		UL20549, PUR Jacket	LMSBS05ML-SBSML-PB 10 *	LMSBS05FL-SBSFL-SB 10 *
		UL2517, PVC Jacket (Black)	LMSBS05ML-SBSML-PD 10 *	LMSBS05FL-SBSFL-SD 10 *
		UL20549, High Flex / Bending PUR	LMSBS05ML-SBSML-PN 10 *	LMSBS05FL-SBSFL-SN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12B05ML-12BML-PA 10 *	LSM12B05FL-12BFL-SA 10 *
		UL20549, PUR Jacket	LSM12B05ML-12BML-PB 10 *	LSM12B05FL-12BFL-SB 10 *
		UL2517, PVC Jacket (Black)	LSM12B05ML-12BML-PD 10 *	LSM12B05FL-12BFL-SD 10 *
		UL20549, High Flex / Bending PUR	LSM12B05ML-12BML-PN 10 *	LSM12B05FL-12BFL-SN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSBS05ML-SBSML-PA 10 *	LSMSBS05FL-SBSFL-SA 10 *
		UL20549, PUR Jacket	LSMSBS05ML-SBSML-PB 10 *	LSMSBS05FL-SBSFL-SB 10 *
		UL2517, PVC Jacket (Black)	LSMSBS05ML-SBSML-PD 10 *	LSMSBS05FL-SBSFL-SD 10 *
		UL20549, High Flex / Bending PUR	LSMSBS05ML-SBSML-PN 10 *	LSMSBS05FL-SBSFL-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	LMSBP05FL-SBPFR-SA 10 *
		UL20549, PUR Jacket	-	LMSBP05FL-SBPFR-SB 10 *
		UL2517, PVC Jacket (Black)	-	LMSBP05FL-SBPFR-SD 10 *
		UL20549, High Flex / Bending PUR	-	LMSBP05FL-SBPFR-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12B05ML-12BMR-PA 10 *	LM12B05FL-12BFR-SA 10 *
		UL20549, PUR Jacket	LM12B05ML-12BMR-PB 10 *	LM12B05FL-12BFR-SB 10 *
		UL2517, PVC Jacket (Black)	LM12B05ML-12BMR-PD 10 *	LM12B05FL-12BFR-SD 10 *
		UL20549, High Flex / Bending PUR	LM12B05ML-SBPMR-PN 10 *	LM12B05FL-12BFR-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSBS05ML-SBSMR-PA 10 *	LMSBS05FL-SBSFR-SA 10 *
		UL20549, PUR Jacket	LMSBS05ML-SBSMR-PB 10 *	LMSBS05FL-SBSFR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSBS05ML-SBSMR-PD 10 *	LMSBS05FL-SBSFR-SD 10 *
		UL20549, High Flex / Bending PUR	LMSBS05ML-SBSMR-PN 10 *	LMSBS05FL-SBSFR-SN 10 *

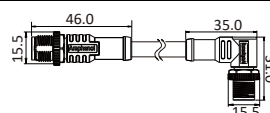
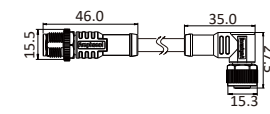
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	3 (LED)	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact		

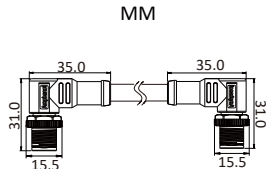
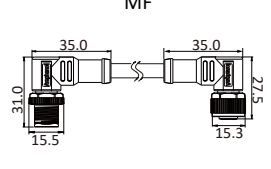
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

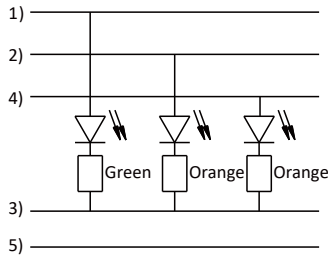
⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A03ML-12AMR-SA ⑩*	LSM12A03ML-12AFR-SA ⑩*
		UL20549, PUR Jacket	LSM12A03ML-12AMR-SB ⑩*	LSM12A03ML-12AFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LSM12A03ML-12AMR-SD ⑩*	LSM12A03ML-12AFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LSM12A03ML-12AMR-SN ⑩*	LSM12A03ML-12AFR-SN ⑩*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS03ML-SASMR-SA ⑩*	LSMSAS03ML-SASFR-SA ⑩*
		UL20549, PUR Jacket	LSMSAS03ML-SASMR-SB ⑩*	LSMSAS03ML-SASFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LSMSAS03ML-SASMR-SD ⑩*	LSMSAS03ML-SASFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LSMSAS03ML-SASMR-SN ⑩*	LSMSAS03ML-SASFR-SN ⑩*

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP03MR-SAPMR-SA ⑩*	LMSAP03MR-SAPFR-SA ⑩*
		UL20549, PUR Jacket	LMSAP03MR-SAPMR-SB ⑩*	LMSAP03MR-SAPFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LMSAP03MR-SAPMR-SD ⑩*	LMSAP03MR-SAPFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LMSAP03MR-SAPMR-SN ⑩*	LMSAP03MR-SAPFR-SN ⑩*
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12A03MR-12AMR-SA ⑩*	LM12A03MR-12AFR-SA ⑩*
		UL20549, PUR Jacket	LM12A03MR-12AMR-SB ⑩*	LM12A03MR-12AFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LM12A03MR-12AMR-SD ⑩*	LM12A03MR-12AFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LM12A03MR-12AMR-SN ⑩*	LM12A03MR-12AFR-SN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	LMSAS03MR-SASMR-SA ⑩*	LMSAS03MR-SASFR-SA ⑩*
		UL20549, PUR Jacket	LMSAS03MR-SASMR-SB ⑩*	LMSAS03MR-SASFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LMSAS03MR-SASMR-SD ⑩*	LMSAS03MR-SASFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LMSAS03MR-SASMR-SN ⑩*	LMSAS03MR-SASFR-SN ⑩*
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A03MR-12AMR-SA ⑩*	LSM12A03MR-12AFR-SA ⑩*
		UL20549, PUR Jacket	LSM12A03MR-12AMR-SB ⑩*	LSM12A03MR-12AFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LSM12A03MR-12AMR-SD ⑩*	LSM12A03MR-12AFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LSM12A03MR-12AMR-SN ⑩*	LSM12A03MR-12AFR-SN ⑩*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS03MR-SASMR-SA ⑩*	LSMSAS03MR-SASFR-SA ⑩*
		UL20549, PUR Jacket	LSMSAS03MR-SASMR-SB ⑩*	LSMSAS03MR-SASFR-SB ⑩*
		UL2517, PVC Jacket (Black)	LSMSAS03MR-SASMR-SD ⑩*	LSMSAS03MR-SASFR-SD ⑩*
		UL20549, High Flex / Bending PUR	LSMSAS03MR-SASMR-SN ⑩*	LSMSAS03MR-SASFR-SN ⑩*



Number of Contacts	3 (LED)	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A03FL-12AMR-SA 10 *	LSM12A03ML-12AMR-PA 10 *
		UL20549, PUR Jacket	LSM12A03FL-12AMR-SB 10 *	LSM12A03ML-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	LSM12A03FL-12AMR-SD 10 *	LSM12A03ML-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	LSM12A03FL-12AMR-SN 10 *	LSM12A03ML-SAPML-PN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSAS03FL-SASMR-SA 10 *	LSMSAS03ML-SASMR-PA 10 *
		UL20549, PUR Jacket	LSMSAS03FL-SASMR-SB 10 *	LSMSAS03ML-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	LSMSAS03FL-SASMR-SD 10 *	LSMSAS03ML-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	LSMSAS03FL-SASMR-SN 10 *	LSMSAS03ML-SASMR-PN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

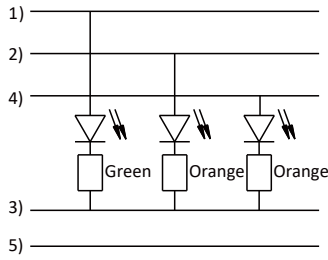
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	LM12A03MR-12AMR-PA 10 *
		UL20549, PUR Jacket	-	LM12A03MR-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	LM12A03MR-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	LM12A03MR-SAPMR-PN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	-	LMSAS03MR-SASMR-PA 10 *
		UL20549, PUR Jacket	-	LMSAS03MR-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	LMSAS03MR-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	LMSAS03MR-SASMR-PN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	-	LSM12A03MR-12AMR-PA 10 *
		UL20549, PUR Jacket	-	LSM12A03MR-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	LSM12A03MR-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	LSM12A03MR-SAPMR-PN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	LSMSAS03MR-SASMR-PA 10 *
		UL20549, PUR Jacket	-	LSMSAS03MR-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	LSMSAS03MR-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	LSMSAS03MR-SASMR-PN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (LED)		4 (LED)		
A		A		
250V		250V		
4A		4A		
FF	MM	MF	FM	MPronto-12 (M/M)
				
LSM12A03FL-12AFR-SA 	LSM12A04ML-12AMR-SA 	LSM12A04ML-12AFR-SA 	LSM12A04FL-12AMR-SA 	LSM12A04ML-12AMR-PA 
LSM12A03FL-12AFR-SB 	LSM12A04ML-12AMR-SB 	LSM12A04ML-12AFR-SB 	LSM12A04FL-12AMR-SB 	LSM12A04ML-12AMR-PB 
LSM12A03FL-12AFR-SD 	LSM12A04ML-12AMR-SD 	LSM12A04ML-12AFR-SD 	LSM12A04FL-12AMR-SD 	LSM12A04ML-12AMR-PD 
LSM12A03FL-12AFR-SN 	LSM12A04ML-12AMR-SN 	LSM12A04ML-12AFR-SN 	LSM12A04FL-12AMR-SN 	LSM12A04ML-SAPML-PN 
LSMSAS03FL-SASFR-SA 	LSMSAS04ML-SASMR-SA 	LSMSAS04ML-SASFR-SA 	LSMSAS04FL-SASMR-SA 	LSMSAS04ML-SASMR-PA 
LSMSAS03FL-SASFR-SB 	LSMSAS04ML-SASMR-SB 	LSMSAS04ML-SASFR-SB 	LSMSAS04FL-SASMR-SB 	LSMSAS04ML-SASMR-PB 
LSMSAS03FL-SASFR-SD 	LSMSAS04ML-SASMR-SD 	LSMSAS04ML-SASFR-SD 	LSMSAS04FL-SASMR-SD 	LSMSAS04ML-SASMR-PD 
LSMSAS03FL-SASFR-SN 	LSMSAS04ML-SASMR-SN 	LSMSAS04ML-SASFR-SN 	LSMSAS04FL-SASMR-SN 	LSMSAS04ML-SASMR-PN 
LMSAP03FR-SAPFR-SA 	LMSAP04MR-SAPMR-SA 	LMSAP04MR-SAPFR-SA 	-	-
LMSAP03FR-SAPFR-SB 	LMSAP04MR-SAPMR-SB 	LMSAP04MR-SAPFR-SB 	-	-
LMSAP03FR-SAPFR-SD 	LMSAP04MR-SAPMR-SD 	LMSAP04MR-SAPFR-SD 	-	-
LMSAP03FR-SAPFR-SN 	LMSAP04MR-SAPMR-SN 	LMSAP04MR-SAPFR-SN 	-	-
LM12A03FR-12AFR-SA 	LM12A04MR-12AMR-SA 	LM12A04MR-12AFR-SA 	-	LM12A04MR-12AMR-PA 
LM12A03FR-12AFR-SB 	LM12A04MR-12AMR-SB 	LM12A04MR-12AFR-SB 	-	LM12A04MR-12AMR-PB 
LM12A03FR-12AFR-SD 	LM12A04MR-12AMR-SD 	LM12A04MR-12AFR-SD 	-	LM12A04MR-12AMR-PD 
LM12A03FR-12AFR-SN 	LM12A04MR-12AMR-SN 	LM12A04MR-12AFR-SN 	-	LM12A04MR-SAPMR-PN 
LMSAS03FR-SASFR-SA 	LMSAS04MR-SASMR-SA 	LMSAS04MR-SASFR-SA 	-	LMSAS04MR-SASMR-PA 
LMSAS03FR-SASFR-SB 	LMSAS04MR-SASMR-SB 	LMSAS04MR-SASFR-SB 	-	LMSAS04MR-SASMR-PB 
LMSAS03FR-SASFR-SD 	LMSAS04MR-SASMR-SD 	LMSAS04MR-SASFR-SD 	-	LMSAS04MR-SASMR-PD 
LMSAS03FR-SASFR-SN 	LMSAS04MR-SASMR-SN 	LMSAS04MR-SASFR-SN 	-	LMSAS04MR-SASMR-PN 
LSM12A03FR-12AFR-SA 	LSM12A04MR-12AMR-SA 	LSM12A04MR-12AFR-SA 	-	LSM12A04MR-12AMR-PA 
LSM12A03FR-12AFR-SB 	LSM12A04MR-12AMR-SB 	LSM12A04MR-12AFR-SB 	-	LSM12A04MR-12AMR-PB 
LSM12A03FR-12AFR-SD 	LSM12A04MR-12AMR-SD 	LSM12A04MR-12AFR-SD 	-	LSM12A04MR-12AMR-PD 
LSM12A03FR-12AFR-SN 	LSM12A04MR-12AMR-SN 	LSM12A04MR-12AFR-SN 	-	LSM12A04MR-SAPMR-PN 
LSMSAS03FR-SASFR-SA 	LSMSAS04MR-SASMR-SA 	LSMSAS04MR-SASFR-SA 	-	LSMSAS04MR-SASMR-PA 
LSMSAS03FR-SASFR-SB 	LSMSAS04MR-SASMR-SB 	LSMSAS04MR-SASFR-SB 	-	LSMSAS04MR-SASMR-PB 
LSMSAS03FR-SASFR-SD	LSMSAS04MR-SASMR-SD	LSMSAS04MR-SASFR-SD	-	LSMSAS04MR-SASMR-PD
LSMSAS03FR-SASFR-SN	LSMSAS04MR-SASMR-SN	LSMSAS04MR-SASFR-SN	-	LSMSAS04MR-SASMR-PN



Number of Contacts	4 (LED)	4 (LED)
Coding	A	D
Rated Voltage (AC/DC)	250V	250V
Nominal current	4A	4A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

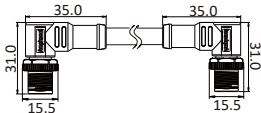
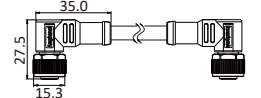
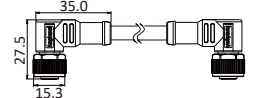
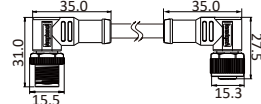
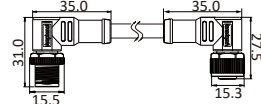
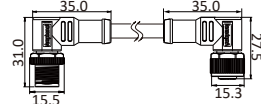
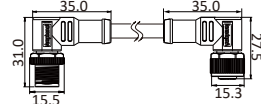
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM FF MF FM					
Stainless	UL2517, PVC Jacket (Yellow)	LSM12A04FL-12AFR-SA	10 *	LSM12D04ML-12DMR-SA	10 *
	UL20549, PUR Jacket	LSM12A04FL-12AFR-SB	10 *	LSM12D04ML-12DMR-SB	10 *
	UL2517, PVC Jacket (Black)	LSM12A04FL-12AFR-SD	10 *	LSM12D04ML-12DMR-SD	10 *
	Cat. 5e, PUR Jacket	-		LSM12D04ML-12DMR-SE	10 *
Stainless Shielded	UL20549, High Flex / Bending PUR	LSM12A04FL-12AFR-SN	10 *	LSM12D04ML-12DMR-SN	10 *
	UL2517, PVC Jacket (Yellow)	LSMSAS04FL-SASFR-SA	10 *	LSMSDS04ML-SDSMR-SA	10 *
	UL20549, PUR Jacket	LSMSAS04FL-SASFR-SB	10 *	LSMSDS04ML-SDSMR-SB	10 *
	UL2517, PVC Jacket (Black)	LSMSAS04FL-SASFR-SD	10 *	LSMSDS04ML-SDSMR-SD	10 *
	Cat. 5e, PUR Jacket	-		LSMSDS04ML-SDSMR-SE	10 *
	UL20549, High Flex / Bending PUR	LSMSAS04FL-SASFR-SN	10 *	LSMSDS04ML-SDSMR-SN	10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP04FR-SAPFR-SA 	LMSDP04MR-SDPMR-SA 
		UL20549, PUR Jacket	LMSAP04FR-SAPFR-SB 	LMSDP04MR-SDPMR-SB 
		UL2517, PVC Jacket (Black)	LMSAP04FR-SAPFR-SD 	LMSDP04MR-SDPMR-SD 
		Cat. 5e, PUR Jacket	-	LMSDP04MR-SDPMR-SE 
	Metal Nut	UL20549, High Flex / Bending PUR	LMSAP04FR-SAPFR-SN 	LMSDP04MR-SDPMR-SN 
		UL2517, PVC Jacket (Yellow)	LM12A04FR-12AFR-SA 	LM12D04MR-12DMR-SA 
		UL20549, PUR Jacket	LM12A04FR-12AFR-SB 	LM12D04MR-12DMR-SB 
		UL2517, PVC Jacket (Black)	LM12A04FR-12AFR-SD 	LM12D04MR-12DMR-SD 
	Shielded	Cat. 5e, PUR Jacket	-	LM12D04MR-12DMR-SE 
		UL20549, High Flex / Bending PUR	LM12A04FR-12AFR-SN 	LM12D04MR-12DMR-SN 
		UL2517, PVC Jacket (Yellow)	LMSAS04FR-SASFR-SA 	LMSDS04MR-SDSMR-SA 
		UL20549, PUR Jacket	LMSAS04FR-SASFR-SB 	LMSDS04MR-SDSMR-SB 
	Stainless	UL2517, PVC Jacket (Black)	LMSAS04FR-SASFR-SD 	LMSDS04MR-SDSMR-SD 
		Cat. 5e, PUR Jacket	-	LMSDS04MR-SDSMR-SE 
		UL20549, High Flex / Bending PUR	LSM12A04FR-12AFR-SN 	LSM12D04MR-12DMR-SN 
		UL2517, PVC Jacket (Yellow)	LSM12A04FR-12AFR-SA 	LSM12D04MR-12DMR-SA 
	Stainless Shielded	UL20549, PUR Jacket	LSM12A04FR-12AFR-SB 	LSM12D04MR-12DMR-SB 
		UL2517, PVC Jacket (Black)	LSM12A04FR-12AFR-SD 	LSM12D04MR-12DMR-SD 
		Cat. 5e, PUR Jacket	-	LSM12D04MR-12DMR-SE 
		UL20549, High Flex / Bending PUR	LSM12A04FR-12AFR-SN 	LSM12D04MR-12DMR-SN 
		UL2517, PVC Jacket (Yellow)	LSMSAS04FR-SASFR-SA 	LSMSDS04MR-SDSMR-SA 
		UL20549, PUR Jacket	LSMSAS04FR-SASFR-SB 	LSMSDS04MR-SDSMR-SB 
		UL2517, PVC Jacket (Black)	LSMSAS04FR-SASFR-SD 	LSMSDS04MR-SDSMR-SD 
		Cat. 5e, PUR Jacket	-	LSMSDS04MR-SDSMR-SE 
		UL20549, High Flex / Bending PUR	LSMSAS04FR-SASFR-SN 	LSMSDS04MR-SDSMR-SN 

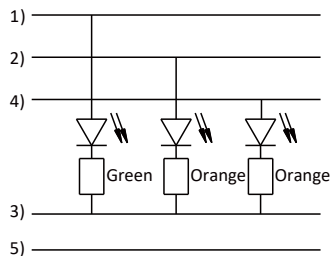
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (LED)				5 (LED)
D				A
250V				60V
4A				4A
MF	FM	MPronto-12 (M/M)	FF	MM
				
LSM12D04ML-12DFR-SA 	LSM12D04FL-12DMR-SA 	LSM12D04ML-12DMR-PA 	LSM12D04FL-12DFR-SA 	LSM12A05ML-12AMR-SA 
LSM12D04ML-12DFR-SB 	LSM12D04FL-12DMR-SB 	LSM12D04ML-12DMR-PB 	LSM12D04FL-12DFR-SB 	LSM12A05ML-12AMR-SB 
LSM12D04ML-12DFR-SD 	LSM12D04FL-12DMR-SD 	LSM12D04ML-12DMR-PD 	LSM12D04FL-12DFR-SD 	LSM12A05ML-12AMR-SD 
LSM12D04ML-12DFR-SE 	LSM12D04FL-12DMR-SE 	LSM12D04ML-SDPMR-PE 	LSM12D04FL-12DFR-SE 	-
LSM12D04ML-12DFR-SN 	LSM12D04FL-12DMR-SN 	LSM12D04ML-SDPMR-PN 	LSM12D04FL-12DFR-SN 	LSM12A05ML-12AMR-SN 
LSMSDS04ML-SDSFR-SA 	LSMSDS04FL-SDSMR-SA 	LSMSDS04ML-SDSMR-PA 	LSMSDS04FL-SDSFR-SA 	LSMSAS05ML-SASMR-SA 
LSMSDS04ML-SDSFR-SB 	LSMSDS04FL-SDSMR-SB 	LSMSDS04ML-SDSMR-PB 	LSMSDS04FL-SDSFR-SB 	LSMSAS05ML-SASMR-SB 
LSMSDS04ML-SDSFR-SD 	LSMSDS04FL-SDSMR-SD 	LSMSDS04ML-SDSMR-PD 	LSMSDS04FL-SDSFR-SD 	LSMSAS05ML-SASMR-SD 
LSMSDS04ML-SDSFR-SE 	LSMSDS04FL-SDSMR-SE 	LSMSDS04ML-SDSMR-PE 	LSMSDS04FL-SDSFR-SE 	-
LSMSDS04ML-SDSFR-SN 	LSMSDS04FL-SDSMR-SN 	LSMSDS04ML-SDSMR-PN 	LSMSDS04FL-SDSFR-SN 	LSMSAS05ML-SASMR-SN 
LMSDP04MR-SDPFR-SA 	-	-	LMSDP04FR-SDPFR-SA 	LMSAP05MR-SAPMR-SA 
LMSDP04MR-SDPFR-SB 	-	-	LMSDP04FR-SDPFR-SB 	LMSAP05MR-SAPMR-SB 
LMSDP04MR-SDPFR-SD 	-	-	LMSDP04FR-SDPFR-SD 	LMSAP05MR-SAPMR-SD 
LMSDP04MR-SDPFR-SE 	-	-	LMSDP04FR-SDPFR-SE 	-
LMSDP04MR-SDPFR-SN 	-	-	LMSDP04FR-SDPFR-SN 	LMSAP05MR-SAPMR-SN 
LM12D04MR-12DFR-SA 	-	LM12D04MR-12DMR-PA 	LM12D04FR-12DFR-SA 	LM12A05MR-12AMR-SA 
LM12D04MR-12DFR-SB 	-	LM12D04MR-12DMR-PB 	LM12D04FR-12DFR-SB 	LM12A05MR-12AMR-SB 
LM12D04MR-12DFR-SD 	-	LM12D04MR-12DMR-PD 	LM12D04FR-12DFR-SD 	LM12A05MR-12AMR-SD 
LM12D04MR-12DFR-SE 	-	LM12D04MR-12DMR-PE 	LM12D04FR-12DFR-SE 	-
LM12D04MR-12DFR-SN 	-	LM12D04MR-SDPMR-PN 	LM12D04FR-12DFR-SN 	LM12A05MR-12AMR-SN 
LSMSDS04MR-SDSFR-SA 	-	LSMSDS04MR-SDSMR-PA 	LSMSDS04FR-SDSFR-SA 	LSMSAS05MR-SASMR-SA 
LSMSDS04MR-SDSFR-SB 	-	LSMSDS04MR-SDSMR-PB 	LSMSDS04FR-SDSFR-SB 	LSMSAS05MR-SASMR-SB 
LSMSDS04MR-SDSFR-SD 	-	LSMSDS04MR-SDSMR-PD 	LSMSDS04FR-SDSFR-SD 	LSMSAS05MR-SASMR-SD 
LSMSDS04MR-SDSFR-SE 	-	LSMSDS04MR-SDSMR-PE 	LSMSDS04FR-SDSFR-SE 	-
LSMSDS04MR-SDSFR-SN 	-	LSMSDS04MR-SDSMR-PN 	LSMSDS04FR-SDSFR-SN 	LSMSAS05MR-SASMR-SN 
LSM12D04MR-12DFR-SA 	-	LSM12D04MR-12DMR-PA 	LSM12D04FR-12DFR-SA 	LSM12A05MR-12AMR-SA 
LSM12D04MR-12DFR-SB 	-	LSM12D04MR-12DMR-PB 	LSM12D04FR-12DFR-SB 	LSM12A05MR-12AMR-SB 
LSM12D04MR-12DFR-SD 	-	LSM12D04MR-12DMR-PD 	LSM12D04FR-12DFR-SD 	LSM12A05MR-12AMR-SD 
LSM12D04MR-12DFR-SE 	-	LSM12D04MR-SDPMR-PE 	LSM12D04FR-12DFR-SE 	-
LSM12D04MR-12DFR-SN 	-	LSM12D04MR-SDPMR-PN 	LSM12D04FR-12DFR-SN 	LSM12A05MR-12AMR-SN 
LSMSDS04MR-SDSFR-SA 	-	LSMSDS04MR-SDSMR-PA 	LSMSDS04FR-SDSFR-SA 	LSMSAS05MR-SASMR-SA 
LSMSDS04MR-SDSFR-SB 	-	LSMSDS04MR-SDSMR-PB 	LSMSDS04FR-SDSFR-SB 	LSMSAS05MR-SASMR-SB 
LSMSDS04MR-SDSFR-SD 	-	LSMSDS04MR-SDSMR-PD 	LSMSDS04FR-SDSFR-SD 	LSMSAS05MR-SASMR-SD 
LSMSDS04MR-SDSFR-SE 	-	LSMSDS04MR-SDSMR-PE 	LSMSDS04FR-SDSFR-SE 	-
LSMSDS04MR-SDSFR-SN 	-	LSMSDS04MR-SDSMR-PN 	LSMSDS04FR-SDSFR-SN 	LSMSAS05MR-SASMR-SN 

M12 A-Code

Screw Threaded (M12 * 1.0) LED Overmolded Cable



Number of Contacts	5 (LED)
Coding	A
Rated Voltage (AC/DC)	60V
Nominal current	4A
Pin Assignment	MF FM
MM: Male Connector Male Contact FF: Female Connector Female Contact	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A05ML-12AFR-SA 10 *	LSM12A05FL-12AMR-SA 10 *
	Stainless	UL20549, PUR Jacket	LSM12A05ML-12AFR-SB 10 *	LSM12A05FL-12AMR-SB 10 *
	Shielded	UL2517, PVC Jacket (Black)	LSM12A05ML-12AFR-SD 10 *	LSM12A05FL-12AMR-SD 10 *
	Shielded	UL20549, High Flex / Bending PUR	LSM12A05ML-12AFR-SN 10 *	LSM12A05FL-12AMR-SN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSMSAS05ML-SASFR-SA 10 *	LSMSAS05FL-SASMR-SA 10 *
	Stainless	UL20549, PUR Jacket	LSMSAS05ML-SASFR-SB 10 *	LSMSAS05FL-SASMR-SB 10 *
	Shielded	UL2517, PVC Jacket (Black)	LSMSAS05ML-SASFR-SD 10 *	LSMSAS05FL-SASMR-SD 10 *
	Shielded	UL20549, High Flex / Bending PUR	LSMSAS05ML-SASFR-SN 10 *	LSMSAS05FL-SASMR-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

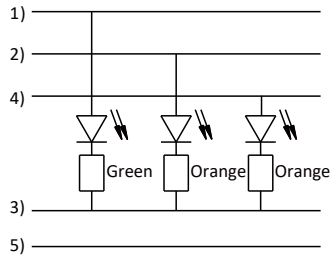
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	LMSAP05MR-SAPFR-SA 10 *	-
	All Plastic	UL20549, PUR Jacket	LMSAP05MR-SAPFR-SB 10 *	-
	Metal Nut	UL2517, PVC Jacket (Black)	LMSAP05MR-SAPFR-SD 10 *	-
	Metal Nut	UL20549, High Flex / Bending PUR	LMSAP05MR-SAPFR-SN 10 *	-
	Shielded	UL2517, PVC Jacket (Yellow)	LM12A05MR-12AFR-SA 10 *	-
	Shielded	UL20549, PUR Jacket	LM12A05MR-12AFR-SB 10 *	-
	Stainless	UL2517, PVC Jacket (Black)	LM12A05MR-12AFR-SD 10 *	-
	Stainless	UL20549, High Flex / Bending PUR	LM12A05MR-12AFR-SN 10 *	-
	Stainless	UL2517, PVC Jacket (Yellow)	LMSAS05MR-SASFR-SA 10 *	-
	Stainless	UL20549, PUR Jacket	LMSAS05MR-SASFR-SB 10 *	-
	Shielded	UL2517, PVC Jacket (Black)	LMSAS05MR-SASFR-SD 10 *	-
	Shielded	UL20549, High Flex / Bending PUR	LMSAS05MR-SASFR-SN 10 *	-
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12A05MR-12AFR-SA 10 *	-
	Stainless	UL20549, PUR Jacket	LSM12A05MR-12AFR-SB 10 *	-
	Shielded	UL2517, PVC Jacket (Black)	LSM12A05MR-12AFR-SD 10 *	-
	Shielded	UL20549, High Flex / Bending PUR	LSM12A05MR-12AFR-SN 10 *	-
	Stainless	UL2517, PVC Jacket (Yellow)	LSMSAS05MR-SASFR-SA 10 *	-
	Stainless	UL20549, PUR Jacket	LSMSAS05MR-SASFR-SB 10 *	-
	Shielded	UL2517, PVC Jacket (Black)	LSMSAS05MR-SASFR-SD 10 *	-
	Shielded	UL20549, High Flex / Bending PUR	LSMSAS05MR-SASFR-SN 10 *	-

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (LED)		5 (LED)		
A		B		
60V		60V		
4A		4A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
LSM12A05 ML -12 AMR -PA  *	LSM12A05 FL -12 AFR -SA  *	LSM12B05 ML -12 BMR -SA  *	LSM12B05 ML -12 BFR -SA  *	LSM12B05 FL -12 BMR -SA  *
LSM12A05 ML -12 AMR -PB  *	LSM12A05 FL -12 AFR -SB  *	LSM12B05 ML -12 BMR -SB  *	LSM12B05 ML -12 BFR -SB  *	LSM12B05 FL -12 BMR -SB  *
LSM12A05 ML -12 AMR -PD  *	LSM12A05 FL -12 AFR -SD  *	LSM12B05 ML -12 BMR -SD  *	LSM12B05 ML -12 BFR -SD  *	LSM12B05 FL -12 BMR -SD  *
LSM12A05 ML -SAP ML -PN  *	LSM12A05 FL -12 AFR -SN  *	LSM12B05 ML -12 BMR -SN  *	LSM12B05 ML -12 BFR -SN  *	LSM12B05 FL -12 BMR -SN  *
LSMSAS05 ML -SAS MR -PA  *	LSMSAS05 FL -SAS FR -SA  *	LSMSBS05 ML -SBS MR -SA  *	LSMSBS05 ML -SBS FR -SA  *	LSMSBS05 FL -SBS MR -SA  *
LSMSAS05 ML -SAS MR -PB  *	LSMSAS05 FL -SAS FR -SB  *	LSMSBS05 ML -SBS MR -SB  *	LSMSBS05 ML -SBS FR -SB  *	LSMSBS05 FL -SBS MR -SB  *
LSMSAS05 ML -SAS MR -PD  *	LSMSAS05 FL -SAS FR -SD  *	LSMSBS05 ML -SBS MR -SD  *	LSMSBS05 ML -SBS FR -SD  *	LSMSBS05 FL -SBS MR -SD  *
LSMSAS05 ML -SAS MR -PN  *	LSMSAS05 FL -SAS FR -SN  *	LSMSBS05 ML -SBS MR -SN  *	LSMSBS05 ML -SBS FR -SN  *	LSMSBS05 FL -SBS MR -SN  *
-	LMSAP05 FR -SAP FR -SA  *	LMSBP05 MR -SBP MR -SA  *	LMSBP05 MR -SBP FR -SA  *	-
-	LMSAP05 FR -SAP FR -SB  *	LMSBP05 MR -SBP MR -SB  *	LMSBP05 MR -SBP FR -SB  *	-
-	LMSAP05 FR -SAP FR -SD  *	LMSBP05 MR -SBP MR -SD  *	LMSBP05 MR -SBP FR -SD  *	-
-	LMSAP05 FR -SAP FR -SN  *	LMSBP05 MR -SBP MR -SN  *	LMSBP05 MR -SBP FR -SN  *	-
LM12A05 MR -12 AMR -PA  *	LM12A05 FR -12 AFR -SA  *	LM12B05 MR -12 BMR -SA  *	LM12B05 MR -12 BFR -SA  *	-
LM12A05 MR -12 AMR -PB  *	LM12A05 FR -12 AFR -SB  *	LM12B05 MR -12 BMR -SB  *	LM12B05 MR -12 BFR -SB  *	-
LM12A05 MR -12 AMR -PD  *	LM12A05 FR -12 AFR -SD  *	LM12B05 MR -12 BMR -SD  *	LM12B05 MR -12 BFR -SD  *	-
LM12A05 MR -SAP MR -PN  *	LM12A05 FR -12 AFR -SN  *	LM12B05 MR -12 BMR -SN  *	LM12B05 MR -12 BFR -SN  *	-
LMSAS05 MR -SAS MR -PA  *	LMSAS05 FR -SAS FR -SA  *	LMSBS05 MR -SBS MR -SA  *	LMSBS05 MR -SBS FR -SA  *	-
LMSAS05 MR -SAS MR -PB  *	LMSAS05 FR -SAS FR -SB  *	LMSBS05 MR -SBS MR -SB  *	LMSBS05 MR -SBS FR -SB  *	-
LMSAS05 MR -SAS MR -PD  *	LMSAS05 FR -SAS FR -SD  *	LMSBS05 MR -SBS MR -SD  *	LMSBS05 MR -SBS FR -SD  *	-
LMSAS05 MR -SAS MR -PN  *	LMSAS05 FR -SAS FR -SN  *	LMSBS05 MR -SBS MR -SN  *	LMSBS05 MR -SBS FR -SN  *	-
LSM12A05 MR -12 AMR -PA  *	LSM12A05 FR -12 AFR -SA  *	LSM12B05 MR -12 BMR -SA  *	LSM12B05 MR -12 BFR -SA  *	-
LSM12A05 MR -12 AMR -PB  *	LSM12A05 FR -12 AFR -SB  *	LSM12B05 MR -12 BMR -SB  *	LSM12B05 MR -12 BFR -SB  *	-
LSM12A05 MR -12 AMR -PD  *	LSM12A05 FR -12 AFR -SD  *	LSM12B05 MR -12 BMR -SD  *	LSM12B05 MR -12 BFR -SD  *	-
LSM12A05 MR -SAP MR -PN  *	LSM12A05 FR -12 AFR -SN  *	LSM12B05 MR -12 BMR -SN  *	LSM12B05 MR -12 BFR -SN  *	-
LSMSAS05 MR -SAS MR -PA  *	LSMSAS05 FR -SAS FR -SA  *	LSMSBS05 MR -SBS MR -SA  *	LSMSBS05 MR -SBS FR -SA  *	-
LSMSAS05 MR -SAS MR -PB *	LSMSAS05 FR -SAS FR -SB *	LSMSBS05 MR -SBS MR -SB *	LSMSBS05 MR -SBS FR -SB *	-
LSMSAS05 MR -SAS MR -PD *	LSMSAS05 FR -SAS FR -SD *	LSMSBS05 MR -SBS MR -SD *	LSMSBS05 MR -SBS FR -SD *	-
LSMSAS05 MR -SAS MR -PN *	LSMSAS05 FR -SAS FR -SN *	LSMSBS05 MR -SBS MR -SN *	LSMSBS05 MR -SBS FR -SN *	-



Number of Contacts	5 (LED)	
Coding	B	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	LSM12B05ML-12BMR-PA 10 *	LSM12B05FL-12BFR-SA 10 *
		UL20549, PUR Jacket	LSM12B05ML-12BMR-PB 10 *	LSM12B05FL-12BFR-SB 10 *
		UL2517, PVC Jacket (Black)	LSM12B05ML-12BMR-PD 10 *	LSM12B05FL-12BFR-SD 10 *
		UL20549, High Flex / Bending PUR	LSM12B05ML-12BMR-PN 10 *	LSM12B05FL-12BFR-SN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSBS05ML-SBSMR-PA 10 *	LSMSBS05FL-SBSFR-SA 10 *
		UL20549, PUR Jacket	LSMSBS05ML-SBSMR-PB 10 *	LSMSBS05FL-SBSFR-SB 10 *
		UL2517, PVC Jacket (Black)	LSMSBS05ML-SBSMR-PD 10 *	LSMSBS05FL-SBSFR-SD 10 *
		UL20549, High Flex / Bending PUR	LSMSBS05ML-SBSMR-PN 10 *	LSMSBS05FL-SBSFR-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	LMSBP05FR-SBPFR-SA 10 *
		UL20549, PUR Jacket	-	LMSBP05FR-SBPFR-SB 10 *
		UL2517, PVC Jacket (Black)	-	LMSBP05FR-SBPFR-SD 10 *
		UL20549, High Flex / Bending PUR	-	LMSBP05FR-SBPFR-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	LM12B05MR-12BMR-PA 10 *	LM12B05FR-12BFR-SA 10 *
		UL20549, PUR Jacket	LM12B05MR-12BMR-PB 10 *	LM12B05FR-12BFR-SB 10 *
		UL2517, PVC Jacket (Black)	LM12B05MR-12BMR-PD 10 *	LM12B05FR-12BFR-SD 10 *
		UL20549, High Flex / Bending PUR	LM12B05MR-SBPMR-PN 10 *	LM12B05FR-12BFR-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	LMSBS05MR-SBSMR-PA 10 *	LMSBS05FR-SBSFR-SA 10 *
		UL20549, PUR Jacket	LMSBS05MR-SBSMR-PB 10 *	LMSBS05FR-SBSFR-SB 10 *
		UL2517, PVC Jacket (Black)	LMSBS05MR-SBSMR-PD 10 *	LMSBS05FR-SBSFR-SD 10 *
		UL20549, High Flex / Bending PUR	LMSBS05MR-SBSMR-PN 10 *	LMSBS05FR-SBSFR-SN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	LSM12B05MR-12BMR-PA 10 *	LSM12B05FR-12BFR-SA 10 *
		UL20549, PUR Jacket	LSM12B05MR-12BMR-PB 10 *	LSM12B05FR-12BFR-SB 10 *
		UL2517, PVC Jacket (Black)	LSM12B05MR-12BMR-PD 10 *	LSM12B05FR-12BFR-SD 10 *
		UL20549, High Flex / Bending PUR	LSM12B05MR-12BMR-PN 10 *	LSM12B05FR-12BFR-SN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	LSMSBS05MR-SBSMR-PA 10 *	LSMSBS05FR-SBSFR-SA 10 *
		UL20549, PUR Jacket	LSMSBS05MR-SBSMR-PB 10 *	LSMSBS05FR-SBSFR-SB 10 *
		UL2517, PVC Jacket (Black)	LSMSBS05MR-SBSMR-PD 10 *	LSMSBS05FR-SBSFR-SD 10 *
		UL20549, High Flex / Bending PUR	LSMSBS05MR-SBSMR-PN 10 *	LSMSBS05FR-SBSFR-SN 10 *

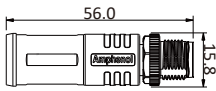
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	2 (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Connector/Contact Gender	MM	MPronto-12 (M/M)
MM : Male Connector Male Contact		

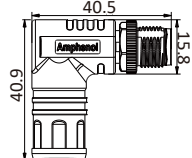
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	LMSLP-02BMMM-SL8H 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP-02BMMM-SL8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	LM12L-02BMMM-SL8H 10 *	LM12L-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-02BMMM-SL8N 10 *	LM12L-02BMMM-PL8N 10 *
	Shielded	UL20233, PUR Jacket	LMSLS-02BMMM-SL8H 10 *	LMSLS-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	LMSLS-02BMMM-SL8N 10 *	LMSLS-02BMMM-PL8N 10 *
	Stainless	UL20233, PUR Jacket	LM12L-02BMMM-SL8H 10 *	LM12L-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-02BMMM-SL8N 10 *	LM12L-02BMMM-PL8N 10 *
	Stainless	UL20233, PUR Jacket	LSMSLS-02BMMM-SL8H 10 *	LSMSLS-02BMMM-PL8H 10 *
	Shielded	UL20549, High Flex / Bending PUR	LSMSLS-02BMMM-SL8N 10 *	LSMSLS-02BMMM-PL8N 10 *

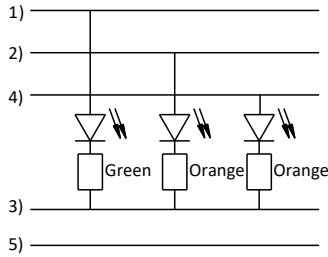
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	LMSLP-02BMMM-SR8H 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP-02BMMM-SR8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	LM12L-02BMMM-SR8H 10 *	LM12L-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-02BMMM-SR8N 10 *	LM12L-02BMMM-PR8N 10 *
	Shielded	UL20233, PUR Jacket	LMSLS-02BMMM-SR8H 10 *	LMSLS-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	LMSLS-02BMMM-SR8N 10 *	LMSLS-02BMMM-PR8N 10 *
	Stainless	UL20233, PUR Jacket	LM12L-02BMMM-SR8H 10 *	LM12L-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-02BMMM-SR8N 10 *	LM12L-02BMMM-PR8N 10 *
	Stainless	UL20233, PUR Jacket	LSMSLS-02BMMM-SR8H 10 *	LSMSLS-02BMMM-PR8H 10 *
	Shielded	UL20549, High Flex / Bending PUR	LSMSLS-02BMMM-SR8N 10 *	LSMSLS-02BMMM-PR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths



Number of Contacts	2 (LED)	2 (LED)
Coding	L	T
Rated Voltage (AC/DC)	63V	63V
Nominal current	16A	12A
Connector/Contact Gender	FF	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	LMSLP-02BFFM-SL8H 10 *	LMSTP-02BMMM-SL8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSLP-02BFFM-SL8N 10 *	LMSTP-02BMMM-SL8N 10 *
	Metal Nut	UL20233, PUR Jacket	LM12L-02BFFM-SL8H 10 *	LM12T-02BMMM-SL8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12L-02BFFM-SL8N 10 *	LM12T-02BMMM-SL8N 10 *
	Shielded	UL20233, PUR Jacket	LMSLS-02BFFM-SL8H 10 *	LMSTS-02BMMM-SL8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSLS-02BFFM-SL8N 10 *	LMSTS-02BMMM-SL8N 10 *
	Stainless	UL20233, PUR Jacket	LM12L-02BFFM-SL8H 10 *	LSM12T-02BMMM-SL8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12L-02BFFM-SL8N 10 *	LSM12T-02BMMM-SL8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	LSMSLS-02BFFM-SL8H 10 *	LSMSTS-02BMMM-SL8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSLS-02BFFM-SL8N 10 *	LSMSTS-02BMMM-SL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

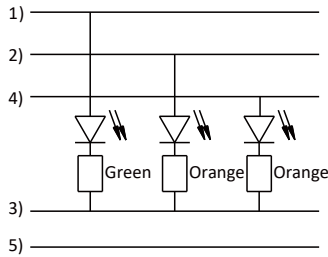
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	LMSLP-02BFFM-SR8H 10 *	LMSTP-02BMMM-SR8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSLP-02BFFM-SR8N 10 *	LMSTP-02BMMM-SR8N 10 *
	Metal Nut	UL20233, PUR Jacket	LM12L-02BFFM-SR8H 10 *	LM12T-02BMMM-SR8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12L-02BFFM-SR8N 10 *	LM12T-02BMMM-SR8N 10 *
	Shielded	UL20233, PUR Jacket	LMSLS-02BFFM-SR8H 10 *	LMSTS-02BMMM-SR8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSLS-02BFFM-SR8N 10 *	LMSTS-02BMMM-SR8N 10 *
	Stainless	UL20233, PUR Jacket	LM12L-02BFFM-SR8H 10 *	LSM12T-02BMMM-SR8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12L-02BFFM-SR8N 10 *	LSM12T-02BMMM-SR8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	LSMSLS-02BFFM-SR8H 10 *	LSMSTS-02BMMM-SR8H 10 *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSLS-02BFFM-SR8N 10 *	LSMSTS-02BMMM-SR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

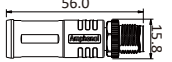
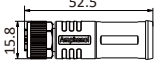
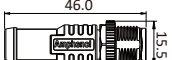
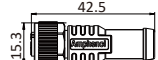
2 (LED)		3 (2+PE) (LED)		
T		K		
63V		630V		
12A		16A		
MPronto-12 (M/M)	FF	Male Power / Female Ground	MPronto-12 (M/M)	Female Power / Male Ground
				
-	LMSTP-02BFFM-SL8H 10 *	-	-	-
-	-	LMSKP-03BMEM-SL8S 10 *	-	LMSKP-03BFDM-SL8S 10 *
-	LMSTP-02BFFM-SL8N 10 *	LMSKP-03BMEM-SL8N 10 *	-	LMSKP-03BFDM-SL8N 10 *
LM12T-02BMMM-PL8H 10 *	LM12T-02BFFM-SL8H 10 *	-	-	-
-	-	LM12K-03BMEM-SL8S 10 *	LM12K-03BMEM-PL8S 10 *	LM12K-03BFDM-SL8S 10 *
LM12T-02BMMM-PL8N 10 *	LM12T-02BFFM-SL8N 10 *	LM12K-03BMEM-SL8N 10 *	LM12K-03BMEM-PL8N 10 *	LM12K-03BFDM-SL8N 10 *
LMSTS-02BMMM-PL8H 10 *	LMSTS-02BFFM-SL8H 10 *	-	-	-
-	-	LMSKS-03BMEM-SL8 10 *	LMSKS-03BMEM-PL8 10 *	LMSKS-03BFDM-SL8 10 *
LMSTS-02BMMM-PL8N 10 *	LMSTS-02BFFM-SL8N 10 *	LMSKS-03BMEM-SL8N 10 *	LMSKS-03BMEM-PL8N 10 *	LMSKS-03BFDM-SL8N 10 *
LM12T-02BMMM-PL8H 10 *	LM12T-02BFFM-SL8H 10 *	-	-	-
-	-	LSM12K-03BMEM-SL8S 10 *	LSM12K-03BMEM-PL8S 10 *	LSM12K-03BFDM-SL8S 10 *
LM12T-02BMMM-PL8N 10 *	LM12T-02BFFM-SL8N 10 *	LSM12K-03BMEM-SL8N 10 *	LSM12K-03BMEM-PL8N 10 *	LSM12K-03BFDM-SL8N 10 *
LSMSTS-02BMMM-PL8H 10 *	LSMSTS-02BFFM-SL8H 10 *	-	-	-
-	-	LSMSKS-03BMEM-SL8S 10 *	LSMSKS-03BMEM-PL8S 10 *	LSMSKS-03BFDM-SL8S 10 *
LSMSTS-02BMMM-PL8N 10 *	LSMSTS-02BFFM-SL8N 10 *	LSMSKS-03BMEM-SL8N 10 *	LSMSKS-03BMEM-PL8N 10 *	LSMSKS-03BFDM-SL8N 10 *
-	LMSTP-02BFFM-SR8H 10 *	-	-	-
-	-	LMSKP-03BMEM-SR8S 10 *	-	LMSKP-03BFDM-SR8S 10 *
-	LMSTP-02BFFM-SR8N 10 *	LMSKP-03BMEM-SR8N 10 *	-	LMSKP-03BFDM-SR8N 10 *
LM12T-02BMMM-PR8H 10 *	LM12T-02BFFM-SR8H 10 *	-	-	-
-	-	LM12K-03BMEM-SR8S 10 *	LM12K-03BMEM-PR8S 10 *	LM12K-03BFDM-SR8S 10 *
LM12T-02BMMM-PR8N 10 *	LM12T-02BFFM-SR8N 10 *	LM12K-03BMEM-SR8N 10 *	LM12K-03BMEM-PR8N 10 *	LM12K-03BFDM-SR8N 10 *
LMSTS-02BMMM-PR8H 10 *	LMSTS-02BFFM-SR8H 10 *	-	-	-
-	-	LMSKS-03BMEM-SR8S 10 *	LMSKS-03BMEM-PR8S 10 *	LMSKS-03BFDM-SR8S 10 *
LMSTS-02BMMM-PR8N 10 *	LMSTS-02BFFM-SR8N 10 *	LMSKS-03BMEM-SR8N 10 *	LMSKS-03BMEM-PR8N 10 *	LMSKS-03BFDM-SR8N 10 *
LSM12T-02BMMM-PR8H 10 *	LSM12T-02BFFM-SR8H 10 *	-	-	-
-	-	LSM12K-03BMEM-SR8S 10 *	LSM12K-03BMEM-PR8S 10 *	LSM12K-03BFDM-SR8S 10 *
LSM12T-02BMMM-PR8N 10 *	LSM12T-02BFFM-SR8N 10 *	LSM12K-03BMEM-SR8N 10 *	LSM12K-03BMEM-PR8N 10 *	LSM12K-03BFDM-SR8N 10 *
LSMSTS-02BMMM-PR8H 10 *	LSMSTS-02BFFM-SR8H 10 *	-	-	-
-	-	LSMSKS-03BMEM-SR8S 10 *	LSMSKS-03BMEM-PR8S 10 *	LSMSKS-03BFDM-SR8S 10 *
LSMSTS-02BMMM-PR8N 10 *	LSMSTS-02BFFM-SR8N 10 *	LSMSKS-03BMEM-SR8N 10 *	LSMSKS-03BMEM-PR8N 10 *	LSMSKS-03BFDM-SR8N 10 *



Number of Contacts	3 (2+PE) (LED)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Connector/Contact Gender	Male Power / Female Ground	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

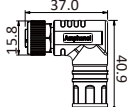
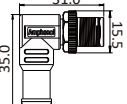
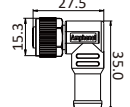
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM	FF	L code	M code
			
			
All Plastic	UL20233, PUR Jacket	-	-
	UL20234, PUR Jacket	LMSMP-03B MEM -SL8S 10 *	-
	UL20549, High Flex / Bending PUR	LMSMP-03B MEM -SL8 10 *	-
Metal Nut	UL20233, PUR Jacket	-	-
	UL20234, PUR Jacket	LM12M-03B MEM -SL8S 10 *	LM12M-03B MEM -PL8S 10 *
	UL20549, High Flex / Bending PUR	LM12M-03B MEM -SL8 10 *	LM12M-03B MEM -PL8N 10 *
Shielded	UL20233, PUR Jacket	-	-
	UL20234, PUR Jacket	LMSMS-03B MEM -SL8 10 *	LMSMS-03B MEM -PL8S 10 *
	UL20549, High Flex / Bending PUR	LMSMS-03B MEM -SL8 10 *	LMSMS-03B MEM -PL8N 10 *
Stainless	UL20233, PUR Jacket	-	-
	UL20234, PUR Jacket	LSM12M-03B MEM -SL8S 10 *	LSM12M-03B MEM -PL8S 10 *
	UL20549, High Flex / Bending PUR	LSM12M-03B MEM -SL8 10 *	LSM12M-03B MEM -PL8N 10 *
Stainless Shielded	UL20233, PUR Jacket	-	-
	UL20234, PUR Jacket	LSMSMS-03B MEM -SL8S 10 *	LSMSMS-03B MEM -PL8S 10 *
	UL20549, High Flex / Bending PUR	LSMSMS-03B MEM -SL8 10 *	LSMSMS-03B MEM -PL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

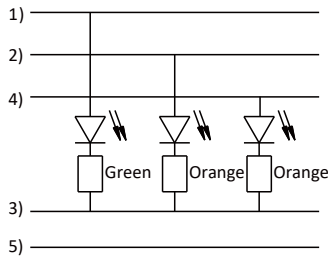
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM	FF						
		L code					
		M code					
All Plastic	UL20233, PUR Jacket	-	-				
	UL20234, PUR Jacket	LMSMP-03B MEM -SR8S 10 *	-				
	UL20549, High Flex / Bending PUR	LMSMP-03B MEM -SR8N 10 *	-				
Metal Nut	UL20233, PUR Jacket	-	-				
	UL20234, PUR Jacket	LM12M-03B MEM -SR8S 10 *	LM12M-03B MEM -PR8S 10 *				
	UL20549, High Flex / Bending PUR	LM12M-03B MEM -SR8N 10 *	LM12M-03B MEM -PR8N 10 *				
Shielded	UL20233, PUR Jacket	-	-				
	UL20234, PUR Jacket	LMSMS-03B MEM -SR8S 10 *	LMSMS-03B MEM -PR8S 10 *				
	UL20549, High Flex / Bending PUR	LMSMS-03B MEM -SR8N 10 *	LMSMS-03B MEM -PR8N 10 *				
Stainless	UL20233, PUR Jacket	-	-				
	UL20234, PUR Jacket	LSM12M-03B MEM -SR8S 10 *	LSM12M-03B MEM -PR8S 10 *				
	UL20549, High Flex / Bending PUR	LSM12M-03B MEM -SR8N 10 *	LSM12M-03B MEM -PR8N 10 *				
Stainless Shielded	UL20233, PUR Jacket	-	-				
	UL20234, PUR Jacket	LSMSMS-03B MEM -SR8S 10 *	LSMSMS-03B MEM -PR8S 10 *				
	UL20549, High Flex / Bending PUR	LSMSMS-03B MEM -SR8N 10 *	LSMSMS-03B MEM -PR8N 10 *				

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE) (LED)		3 (LED)			3 (2+FE) (LED)	
M		L			L	
630V		63V			63V	
8A		12A			16A	
Female Power / Male Ground		MM	MPronto-12 (M/M)	FF	Male Power / Female Ground	
						
-		LMSLP-03BMMM-SL8H 	-	LMSLP-03BFFM-SL8H 	LMSLP-03BMEM-SL8H 	
LMSMP-03BFDM-SL8S 	-	-	-	-	-	
LMSMP-03BFDM-SL8N 	LMSLP-03BMMM-SL8N 	-	-	LMSLP-03BFFM-SL8N 	LMSLP-03BMEM-SL8N 	
-	LM12L-03BMMM-SL8H 	LM12L-03BMMM-PL8H 	-	LM12L-03BFFM-SL8H 	LM12L-03BMEM-SL8H 	
LM12M-03BFDM-SL8S 	-	-	-	-	-	
LM12M-03BFDM-SL8N 	LM12L-03BMMM-SL8N 	LM12L-03BMMM-PL8N 	-	LM12L-03BFFM-SL8N 	LM12L-03BMEM-SL8N 	
-	LMSLS-03BMMM-SL8H 	LMSLS-03BMMM-PL8H 	-	LMSLS-03BFFM-SL8H 	LMSLS-03BMEM-SL8H 	
LMSMS-03BFDM-SL8S 	-	-	-	-	-	
LMSMS-03BFDM-SL8N 	LMSLS-03BMMM-SL8N 	LMSLS-03BMMM-PL8N 	-	LMSLS-03BFFM-SL8N 	LMSLS-03BMEM-SL8N 	
-	LM12L-03BMMM-SL8H 	LM12L-03BMMM-PL8H 	-	LM12L-03BFFM-SL8H 	LM12L-03BMEM-SL8H 	
LSM12M-03BFDM-SL8S 	-	-	-	-	-	
LSM12M-03BFDM-SL8N 	LM12L-03BMMM-SL8N 	LM12L-03BMMM-PL8N 	-	LM12L-03BFFM-SL8N 	LM12L-03BMEM-SL8N 	
-	LSMSLS-03BMMM-SL8H 	LSMSLS-03BMMM-PL8H 	-	LSMSLS-03BFFM-SL8H 	LSMSLS-03BMEM-SL8H 	
LSMSMS-03BFDM-SL8S 	-	-	-	-	-	
LSMSMS-03BFDM-SL8N 	LSMSLS-03BMMM-SL8N 	LSMSLS-03BMMM-PL8N 	-	LSMSLS-03BFFM-SL8N 	LSMSLS-03BMEM-SL8N 	
-		LMSLP-03BMMM-SR8H 	-	LMSLP-03BFFM-SR8H 	LMSLP-03BMEM-SR8H 	
LMSMP-03BFDM-SR8S 	-	-	-	-	-	
LMSMP-03BFDM-SR8N 	LMSLP-03BMMM-SR8N 	-	-	LMSLP-03BFFM-SR8N 	LMSLP-03BMEM-SR8N 	
-	LM12L-03BMMM-SR8H 	LM12L-03BMMM-PR8H 	-	LM12L-03BFFM-SR8H 	LM12L-03BMEM-SR8H 	
LM12M-03BFDM-SR8S 	-	-	-	-	-	
LM12M-03BFDM-SR8N 	LM12L-03BMMM-SR8N 	LM12L-03BMMM-PR8N 	-	LM12L-03BFFM-SR8N 	LM12L-03BMEM-SR8N 	
-	LMSLS-03BMMM-SR8H 	LMSLS-03BMMM-PR8H 	-	LMSLS-03BFFM-SR8H 	LMSLS-03BMEM-SR8H 	
LMSMS-03BFDM-SR8S 	-	-	-	-	-	
LMSMS-03BFDM-SR8N 	LMSLS-03BMMM-SR8N 	LMSLS-03BMMM-PR8N 	-	LMSLS-03BFFM-SR8N 	LMSLS-03BMEM-SR8N 	
-	LM12L-03BMMM-SR8H 	LM12L-03BMMM-PR8H 	-	LM12L-03BFFM-SR8H 	LM12L-03BMEM-SR8H 	
LSM12M-03BFDM-SR8S 	-	-	-	-	-	
LSM12M-03BFDM-SR8N 	LM12L-03BMMM-SR8N 	LM12L-03BMMM-PR8N 	-	LM12L-03BFFM-SR8N 	LM12L-03BMEM-SR8N 	
-	LSMSLS-03BMMM-SR8H 	LSMSLS-03BMMM-PR8H 	-	LSMSLS-03BFFM-SR8H 	LSMSLS-03BMEM-SR8H 	
LSMSMS-03BFDM-SR8S 	-	-	-	-	-	
LSMSMS-03BFDM-SR8N	LSMSLS-03BMMM-SR8N	LSMSLS-03BMMM-PR8N	-	LSMSLS-03BFFM-SR8N	LSMSLS-03BMEM-SR8N	



Number of Contacts	3 (2+FE) (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Connector/Contact Gender	MPronto-12 (M/M)	Female Power / Male Ground
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LMSLP-03BFDM-SL8H 10 *
		UL20549, High Flex / Bending PUR	-	LMSLP-03BFDM-SL8N 10 *
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-03BMEM-PL8H 10 *	LM12L-03BFDM-SL8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-03BMEM-PL8N 10 *	LM12L-03BFDM-SL8N 10 *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLS-03BMEM-PL8H 10 *	LMSLS-03BFDM-SL8H 10 *
		UL20549, High Flex / Bending PUR	LMSLS-03BMEM-PL8N 10 *	LMSLS-03BFDM-SL8N 10 *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-03BMEM-PL8H 10 *	LM12L-03BFDM-SL8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-03BMEM-PL8N 10 *	LM12L-03BFDM-SL8N 10 *
	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LSMSLS-03BMEM-PL8H 10 *	LSMSLS-03BFDM-SL8H 10 *
		UL20549, High Flex / Bending PUR	LSMSLS-03BMEM-PL8N 10 *	LSMSLS-03BFDM-SL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LMSLP-03BFDM-SR8H 10 *
		UL20549, High Flex / Bending PUR	-	LMSLP-03BFDM-SR8N 10 *
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-03BMEM-PR8H 10 *	LM12L-03BFDM-SR8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-03BMEM-PR8N 10 *	LM12L-03BFDM-SR8N 10 *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLS-03BMEM-PR8H 10 *	LMSLS-03BFDM-SR8H 10 *
		UL20549, High Flex / Bending PUR	LMSLS-03BMEM-PR8N 10 *	LMSLS-03BFDM-SR8N 10 *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-03BMEM-PR8H 10 *	LM12L-03BFDM-SR8H 10 *
		UL20549, High Flex / Bending PUR	LM12L-03BMEM-PR8N 10 *	LM12L-03BFDM-SR8N 10 *
	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LSMSLS-03BMEM-PR8H 10 *	LSMSLS-03BFDM-SR8H 10 *
		UL20549, High Flex / Bending PUR	LSMSLS-03BMEM-PR8N 10 *	LSMSLS-03BFDM-SR8N 10 *

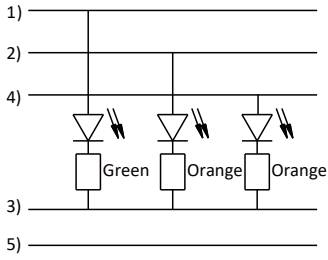
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE) (LED)			3 (LED)	
S			T	
630V			63V	
12A			12A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
LMSSP-03BMMM-SL8G  *	-	LMSSP-03BFFM-SL8G  *	-	-
-	-	-	LMSTP-03BMMM-SL8H  *	-
LMSSP-03BMMM-SL8N  *	-	LMSSP-03BFFM-SL8N  *	LMSTP-03BMMM-SL8N  *	-
LM12S-03BMMM-SL8G  *	LM12S-03BMMM-PL8G  *	LM12S-03BFFM-SL8G  *	-	-
-	-	-	LM12T-03BMMM-SL8H  *	LM12T-03BMMM-PL8H  *
LM12S-03BMMM-SL8N  *	LM12S-03BMMM-PL8N  *	LM12S-03BFFM-SL8N  *	LM12T-03BMMM-SL8N  *	LM12T-03BMMM-PL8N  *
LMSSS-03BMMM-SL8G  *	LMSSS-03BMMM-PL8G  *	LMSSS-03BFFM-SL8G  *	-	-
-	-	-	LMSTS-03BMMM-SL8H  *	LMSTS-03BMMM-PL8H  *
LMSSS-03BMMM-SL8N  *	LMSSS-03BMMM-PL8N  *	LMSSS-03BFFM-SL8N  *	LMSTS-03BMMM-SL8N  *	LMSTS-03BMMM-PL8N  *
LSM12S-03BMMM-SL8G  *	LSM12S-03BMMM-PL8G  *	LSM12S-03BFFM-SL8G  *	-	-
-	-	-	LSM12T-03BMMM-SL8H  *	LSM12T-03BMMM-PL8H  *
LSM12S-03BMMM-SL8N  *	LSM12S-03BMMM-PL8N  *	LSM12S-03BFFM-SL8N  *	LSM12T-03BMMM-SL8N  *	LSM12T-03BMMM-PL8N  *
LSMSSS-03BMMM-SL8G  *	LSMSSS-03BMMM-PL8G  *	LSMSSS-03BFFM-SL8G  *	-	-
-	-	-	LSMSTS-03BMMM-SL8H  *	LSMSTS-03BMMM-PL8H  *
LSMSSS-03BMMM-SL8N  *	LSMSSS-03BMMM-PL8N  *	LSMSSS-03BFFM-SL8N  *	LSMSTS-03BMMM-SL8N  *	LSMSTS-03BMMM-PL8N  *
LMSSP-03BMMM-SR8G  *	-	LMSSP-03BFFM-SR8G  *	-	-
-	-	-	LMSTP-03BMMM-SR8H  *	-
LMSSP-03BMMM-SR8N  *	-	LMSSP-03BFFM-SR8N  *	LMSTP-03BMMM-SR8N  *	-
LM12S-03BMMM-SR8G  *	LM12S-03BMMM-PR8G  *	LM12S-03BFFM-SR8G  *	-	-
-	-	-	LM12T-03BMMM-SR8H  *	LM12T-03BMMM-PR8H  *
LM12S-03BMMM-SR8N  *	LM12S-03BMMM-PR8N  *	LM12S-03BFFM-SR8N  *	LM12T-03BMMM-SR8N  *	LM12T-03BMMM-PR8N  *
LMSSS-03BMMM-SR8G  *	LMSSS-03BMMM-PR8G  *	LMSSS-03BFFM-SR8G  *	-	-
-	-	-	LMSTS-03BMMM-SR8H  *	LMSTS-03BMMM-PR8H  *
LMSSS-03BMMM-SR8N  *	LMSSS-03BMMM-PR8N  *	LMSSS-03BFFM-SR8N  *	LMSTS-03BMMM-SR8N  *	LMSTS-03BMMM-PR8N  *
LSM12S-03BMMM-SR8G  *	LSM12S-03BMMM-PR8G  *	LSM12S-03BFFM-SR8G  *	-	-
-	-	-	LSM12T-03BMMM-SR8H  *	LSM12T-03BMMM-PR8H  *
LSM12S-03BMMM-SR8N  *	LSM12S-03BMMM-PR8N  *	LSM12S-03BFFM-SR8N  *	LSM12T-03BMMM-SR8N  *	LSM12T-03BMMM-PR8N  *
LSMSSS-03BMMM-SR8G  *	LSMSSS-03BMMM-PR8G  *	LSMSSS-03BFFM-SR8G  *	-	-
-	-	-	LSMSTS-03BMMM-SR8H  *	LSMSTS-03BMMM-PR8H  *
LSMSSS-03BMMM-SR8N  *	LSMSSS-03BMMM-PR8N  *	LSMSSS-03BFFM-SR8N  *	LSMSTS-03BMMM-SR8N  *	LSMSTS-03BMMM-PR8N  *

M12 K, T-Code

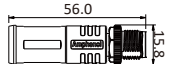
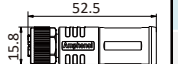
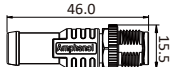
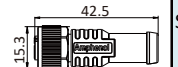
Screw Threaded (M12 * 1.0) LED Overmolded Cable



Number of Contacts	3 (LED)	4 (3+PE) (LED)
Coding	T	K
Rated Voltage (AC/DC)	63V	630V
Nominal current	12A	16A
Connector/Contact Gender	FF	Male Power / Female Ground
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact		

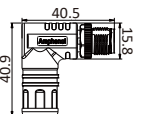
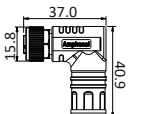
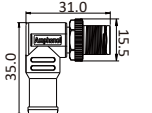
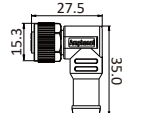
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM		FF		K, T code	
					
M code					
					
All Plastic	UL20233, PUR Jacket	LMSTP-03BFFM-SL8H ¹⁰ *	-	LMSKP-04B MEM -SL8S ¹⁰ *	
	UL20234, PUR Jacket	-	LMSKP-04B MEM -SL8S ¹⁰ *	LMSKP-04B MEM -SL8N ¹⁰ *	
	UL20549, High Flex / Bending PUR	LMSTP-03BFFM-SL8N ¹⁰ *	LMSKP-04B MEM -SL8N ¹⁰ *		
Metal Nut	UL20233, PUR Jacket	LM12T-03BFFM-SL8H ¹⁰ *	-	LM12K-04B MEM -SL8S ¹⁰ *	
	UL20234, PUR Jacket	-	LM12K-04B MEM -SL8S ¹⁰ *	LM12K-04B MEM -SL8N ¹⁰ *	
	UL20549, High Flex / Bending PUR	LM12T-03BFFM-SL8N ¹⁰ *	LM12K-04B MEM -SL8N ¹⁰ *		
Shielded	UL20233, PUR Jacket	LMSTS-03BFFM-SL8H ¹⁰ *	-	-	
	UL20234, PUR Jacket	-	-	-	
	UL20549, High Flex / Bending PUR	LMSTS-03BFFM-SL8N ¹⁰ *	LMSKS-04B MEM -SL8N ¹⁰ *		
Stainless	UL20233, PUR Jacket	LSM12T-03BFFM-SL8H ¹⁰ *	-	LSM12K-04B MEM -SL8S ¹⁰ *	
	UL20234, PUR Jacket	-	LSM12K-04B MEM -SL8S ¹⁰ *	LSM12K-04B MEM -SL8N ¹⁰ *	
	UL20549, High Flex / Bending PUR	LSM12T-03BFFM-SL8N ¹⁰ *	LSM12K-04B MEM -SL8N ¹⁰ *		
Stainless Shielded	UL20233, PUR Jacket	LSMSTS-03BFFM-SL8H ¹⁰ *	-	-	
	UL20234, PUR Jacket	-	LSMKS-04B MEM -SL8S ¹⁰ *		
	UL20549, High Flex / Bending PUR	LSMSTS-03BFFM-SL8N ¹⁰ *	LSMKS-04B MEM -SL8N ¹⁰ *		

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM	FF					
 40.5 15.8 40.9	 37.0 15.8 40.9	K, T code	All Plastic	UL20233, PUR Jacket	LMSTP-03BFFM-SR8H 	-
				UL20234, PUR Jacket	-	LMSKP-04B MEM -SR8S 
				UL20549, High Flex / Bending PUR	LMSTP-03BFFM-SR8N 	LMSKP-04B MEM -SR8N 
 31.0 15.5 35.0	 27.5 15.3 35.0	M code	Metal Nut	UL20233, PUR Jacket	LM12T-03BFFM-SR8H 	-
				UL20234, PUR Jacket	-	LM12K-04B MEM -SR8S 
				UL20549, High Flex / Bending PUR	LM12T-03BFFM-SR8N 	LM12K-04B MEM -SR8N 
			Shielded	UL20233, PUR Jacket	LMSTS-03BFFM-SR8H 	-
				UL20234, PUR Jacket	-	LMSKS-04B MEM -SR8S 
				UL20549, High Flex / Bending PUR	LMSTS-03BFFM-SR8N 	LMSKS-04B MEM -SR8N 
			Stainless	UL20233, PUR Jacket	LSM12T-03BFFM-SR8H 	-
				UL20234, PUR Jacket	-	LSM12K-04B MEM -SR8S 
				UL20549, High Flex / Bending PUR	LSM12T-03BFFM-SR8N 	LSM12K-04B MEM -SR8N 
			Stainless Shielded	UL20233, PUR Jacket	LSMSTS-03BFFM-SR8H 	-
				UL20234, PUR Jacket	-	LSMSKS-04B MEM -SR8S 
				UL20549, High Flex / Bending PUR	LSMSTS-03BFFM-SR8N 	LSMSKS-04B MEM -SR8N 

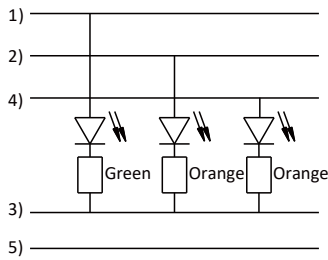
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (3+PE) (LED)		4 (3+PE) (LED)		
K		M		
630V		630V		
16A		8A		
MPronto-12 (M/M)	Female Power / Male Ground	Male Power / Female Ground	MPronto-12 (M/M)	Female Power / Male Ground
				
-	-	-	-	-
-	LMSKP-04BFDM-SL8S 	LMSMP-04BMEM-SL8S 	-	LMSMP-04BFDM-SL8S 
-	LMSKP-04BFDM-SL8N 	LMSMP-04BMEM-SL8N 	-	LMSMP-04BFDM-SL8N 
-	-	-	-	-
LM12K-04BMEM-PL8S 	LM12K-04BFDM-SL8S 	LM12M-04BMEM-SL8S 	LM12M-04BMEM-PL8S 	LM12M-04BFDM-SL8S 
LM12K-04BMEM-PL8N 	LM12K-04BFDM-SL8N 	LM12M-04BMEM-SL8N 	LM12M-04BMEM-PL8N 	LM12M-04BFDM-SL8N 
-	-	-	-	-
-	-	LMSMS-04BMEM-SL8S 	LMSMS-04BMEM-PL8S 	LMSMS-04BFDM-SL8S 
LMSKS-04BMEM-PL8N 	LMSKS-04BFDM-SL8N 	LMSMS-04BMEM-SL8N 	LMSMS-04BMEM-PL8N 	LMSMS-04BFDM-SL8N 
-	-	-	-	-
LSM12K-04BMEM-PL8S 	LSM12K-04BFDM-SL8S 	LSM12M-04BMEM-SL8S 	LSM12M-04BMEM-PL8S 	LSM12M-04BFDM-SL8S 
LSM12K-04BMEM-PL8N 	LSM12K-04BFDM-SL8N 	LSM12M-04BMEM-SL8N 	LSM12M-04BMEM-PL8N 	LSM12M-04BFDM-SL8N 
-	-	-	-	-
LSMSKS-04BMEM-PL8S 	LSMSKS-04BFDM-SL8S 	LSMSMS-04BMEM-SL8S 	LSMSMS-04BMEM-PL8S 	LSMSMS-04BFDM-SL8S 
LSMSKS-04BMEM-PL8N 	LSMSKS-04BFDM-SL8N 	LSMSMS-04BMEM-SL8N 	LSMSMS-04BMEM-PL8N 	LSMSMS-04BFDM-SL8N 
-	-	-	-	-
-	LMSKP-04BFDM-SR8S 	LMSMP-04BMEM-SR8S 	-	LMSMP-04BFDM-SR8S 
-	LMSKP-04BFDM-SR8N 	LMSMP-04BMEM-SR8N 	-	LMSMP-04BFDM-SR8N 
-	-	-	-	-
LM12K-04BMEM-PR8S 	LM12K-04BFDM-SR8S 	LM12M-04BMEM-SR8S 	LM12M-04BMEM-PR8S 	LM12M-04BFDM-SR8S 
LM12K-04BMEM-PR8N 	LM12K-04BFDM-SR8N 	LM12M-04BMEM-SR8N 	LM12M-04BMEM-PR8N 	LM12M-04BFDM-SR8N 
-	-	-	-	-
LMSKS-04BMEM-PR8S 	LMSKS-04BFDM-SR8S 	LMSMS-04BMEM-SR8S 	LMSMS-04BMEM-PR8S 	LMSMS-04BFDM-SR8S 
LMSKS-04BMEM-PR8N 	LMSKS-04BFDM-SR8N 	LMSMS-04BMEM-SR8N 	LMSMS-04BMEM-PR8N 	LMSMS-04BFDM-SR8N 
-	-	-	-	-
LSM12K-04BMEM-PR8S 	LSM12K-04BFDM-SR8S 	LSM12M-04BMEM-SR8S 	LSM12M-04BMEM-PR8S 	LSM12M-04BFDM-SR8S 
LSM12K-04BMEM-PR8N 	LSM12K-04BFDM-SR8N 	LSM12M-04BMEM-SR8N 	LSM12M-04BMEM-PR8N 	LSM12M-04BFDM-SR8N 
-	-	-	-	-
LSMSKS-04BMEM-PR8S 	LSMSKS-04BFDM-SR8S 	LSMSMS-04BMEM-SR8S 	LSMSMS-04BMEM-PR8S 	LSMSMS-04BFDM-SR8S 
LSMSKS-04BMEM-PR8N 	LSMSKS-04BFDM-SR8N 	LSMSMS-04BMEM-SR8N 	LSMSMS-04BMEM-PR8N 	LSMSMS-04BFDM-SR8N 

M12 L-Code

Screw Threaded (M12 * 1.0) LED Overmolded Cable



Number of Contacts	4 (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Connector/Contact Gender	MM	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLP-04BMMM-SL8H ⑩ *	-
		UL20549, High Flex / Bending PUR	LMSLP-04BMMM-SL8N ⑩ *	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-04BMMM-SL8H ⑩ *	LM12L-04BMMM-PL8H ⑩ *
		UL20549, High Flex / Bending PUR	LM12L-04BMMM-SL8N ⑩ *	LM12L-04BMMM-PL8N ⑩ *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLS-04BMMM-SL8H ⑩ *	LMSLS-04BMMM-PL8H ⑩ *
		UL20549, High Flex / Bending PUR	LMSLS-04BMMM-SL8N ⑩ *	LMSLS-04BMMM-PL8N ⑩ *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-04BMMM-SL8H ⑩ *	LM12L-04BMMM-PL8H ⑩ *
		UL20549, High Flex / Bending PUR	LM12L-04BMMM-SL8N ⑩ *	LM12L-04BMMM-PL8N ⑩ *
FF	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LSMSLS-04BMMM-SL8H ⑩ *	LSMSLS-04BMMM-PL8H ⑩ *
		UL20549, High Flex / Bending PUR	LSMSLS-04BMMM-SL8N ⑩ *	LSMSLS-04BMMM-PL8N ⑩ *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

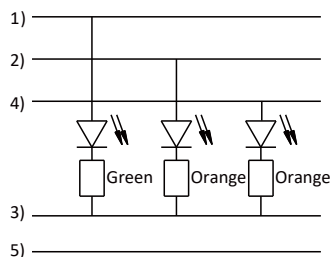
⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLP-04BMMM-SR8H ⑩ *	-
		UL20549, High Flex / Bending PUR	LMSLP-04BMMM-SR8N ⑩ *	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-04BMMM-SR8H ⑩ *	LM12L-04BMMM-PR8H ⑩ *
		UL20549, High Flex / Bending PUR	LM12L-04BMMM-SR8N ⑩ *	LM12L-04BMMM-PR8N ⑩ *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLS-04BMMM-SR8H ⑩ *	LMSLS-04BMMM-PR8H ⑩ *
		UL20549, High Flex / Bending PUR	LMSLS-04BMMM-SR8N ⑩ *	LMSLS-04BMMM-PR8N ⑩ *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L-04BMMM-SR8H ⑩ *	LM12L-04BMMM-PR8H ⑩ *
		UL20549, High Flex / Bending PUR	LM12L-04BMMM-SR8N ⑩ *	LM12L-04BMMM-PR8N ⑩ *
FF	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LSMSLS-04BMMM-SR8H ⑩ *	LSMSLS-04BMMM-PR8H ⑩ *
		UL20549, High Flex / Bending PUR	LSMSLS-04BMMM-SR8N ⑩ *	LSMSLS-04BMMM-PR8N ⑩ *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (LED)	4 (3+FE) (LED)			4 (3+PE) (LED)
L	L			S
63V	63V			630V
16A	16A			12A
FF	Male Power / Female Ground	MPronto-12 (M/M)	Female Power / Male Ground	MM
				
-	-	-	-	LMSSP-04BMMM-SL8G ¹⁰ *
LMSLP-04BFFM-SL8H ¹⁰ *	LMSLP-04BMEM-SL8H ¹⁰ *	-	LMSLP-04BFDM-SL8H ¹⁰ *	-
LMSLP-04BFFM-SL8N ¹⁰ *	LMSLP-04BMEM-SL8N ¹⁰ *	-	LMSLP-04BFDM-SL8N ¹⁰ *	LMSSP-04BMMM-SL8N ¹⁰ *
-	-	-	-	LM12S-04BMMM-SL8G ¹⁰ *
LM12L-04BFFM-SL8H ¹⁰ *	LM12L-04BMEM-SL8H ¹⁰ *	LM12L-04BMEM-PL8H ¹⁰ *	LM12L-04BFDM-SL8H ¹⁰ *	-
LM12L-04BFFM-SL8N ¹⁰ *	LM12L-04BMEM-SL8N ¹⁰ *	LM12L-04BMEM-PL8N ¹⁰ *	LM12L-04BFDM-SL8N ¹⁰ *	LM12S-04BMMM-SL8N ¹⁰ *
-	-	-	-	LMSSS-04BMMM-SL8G ¹⁰ *
LMSLS-04BFFM-SL8H ¹⁰ *	LMSLS-04BMEM-SL8H ¹⁰ *	LMSLS-04BMEM-PL8H ¹⁰ *	LMSLS-04BFDM-SL8H ¹⁰ *	-
LMSLS-04BFFM-SL8N ¹⁰ *	LMSLS-04BMEM-SL8N ¹⁰ *	LMSLS-04BMEM-PL8N ¹⁰ *	LMSLS-04BFDM-SL8N ¹⁰ *	LMSSS-04BMMM-SL8N ¹⁰ *
-	-	-	-	LSM12S-04BMMM-SL8G ¹⁰ *
LM12L-04BFFM-SL8H ¹⁰ *	LM12L-04BMEM-SL8H ¹⁰ *	LM12L-04BMEM-PL8H ¹⁰ *	LM12L-04BFDM-SL8H ¹⁰ *	-
LM12L-04BFFM-SL8N ¹⁰ *	LM12L-04BMEM-SL8N ¹⁰ *	LM12L-04BMEM-PL8N ¹⁰ *	LM12L-04BFDM-SL8N ¹⁰ *	LSM12S-04BMMM-SL8N ¹⁰ *
-	-	-	-	LSMSSS-04BMMM-SL8G ¹⁰ *
LSMSLS-04BFFM-SL8H ¹⁰ *	LSMSLS-04BMEM-SL8H ¹⁰ *	LSMSLS-04BMEM-PL8H ¹⁰ *	LSMSLS-04BFDM-SL8H ¹⁰ *	-
LSMSLS-04BFFM-SL8N ¹⁰ *	LSMSLS-04BMEM-SL8N ¹⁰ *	LSMSLS-04BMEM-PL8N ¹⁰ *	LSMSLS-04BFDM-SL8N ¹⁰ *	LSMSSS-04BMMM-SL8N ¹⁰ *
-	-	-	-	LMSSP-04BMMM-SR8G ¹⁰ *
LMSLP-04BFFM-SR8H ¹⁰ *	LMSLP-04BMEM-SR8H ¹⁰ *	-	LMSLP-04BFDM-SR8H ¹⁰ *	-
LMSLP-04BFFM-SR8N ¹⁰ *	LMSLP-04BMEM-SR8N ¹⁰ *	-	LMSLP-04BFDM-SR8N ¹⁰ *	LMSSP-04BMMM-SR8N ¹⁰ *
-	-	-	-	LM12S-04BMMM-SR8G ¹⁰ *
LM12L-04BFFM-SR8H ¹⁰ *	LM12L-04BMEM-SR8H ¹⁰ *	LM12L-04BMEM-PR8H ¹⁰ *	LM12L-04BFDM-SR8H ¹⁰ *	-
LM12L-04BFFM-SR8N ¹⁰ *	LM12L-04BMEM-SR8N ¹⁰ *	LM12L-04BMEM-PR8N ¹⁰ *	LM12L-04BFDM-SR8N ¹⁰ *	LM12S-04BMMM-SR8N ¹⁰ *
-	-	-	-	LMSSS-04BMMM-SR8G ¹⁰ *
LMSLS-04BFFM-SR8H ¹⁰ *	LMSLS-04BMEM-SR8H ¹⁰ *	LMSLS-04BMEM-PR8H ¹⁰ *	LMSLS-04BFDM-SR8H ¹⁰ *	-
LMSLS-04BFFM-SR8N ¹⁰ *	LMSLS-04BMEM-SR8N ¹⁰ *	LMSLS-04BMEM-PR8N ¹⁰ *	LMSLS-04BFDM-SR8N ¹⁰ *	LMSSS-04BMMM-SR8N ¹⁰ *
-	-	-	-	LSM12S-04BMMM-SR8G ¹⁰ *
LM12L-04BFFM-SR8H ¹⁰ *	LM12L-04BMEM-SR8H ¹⁰ *	LM12L-04BMEM-PR8H ¹⁰ *	LM12L-04BFDM-SR8H ¹⁰ *	-
LM12L-04BFFM-SR8N ¹⁰ *	LM12L-04BMEM-SR8N ¹⁰ *	LM12L-04BMEM-PR8N ¹⁰ *	LM12L-04BFDM-SR8N ¹⁰ *	LSM12S-04BMMM-SR8N ¹⁰ *
-	-	-	-	LSMSSS-04BMMM-SR8G ¹⁰ *
LSMSLS-04BFFM-SR8H ¹⁰ *	LSMSLS-04BMEM-SR8H ¹⁰ *	LSMSLS-04BMEM-PR8H ¹⁰ *	LSMSLS-04BFDM-SR8H ¹⁰ *	-
LSMSLS-04BFFM-SR8N ¹⁰ *	LSMSLS-04BMEM-SR8N ¹⁰ *	LSMSLS-04BMEM-PR8N ¹⁰ *	LSMSLS-04BFDM-SR8N ¹⁰ *	LSMSSS-04BMMM-SR8N ¹⁰ *



Number of Contacts	4 (3+PE) (LED)	
Coding	S	
Rated Voltage (AC/DC)	630V	
Nominal current	12A	
Connector/Contact Gender	MPronto-12 (M/M)	FF
MM : Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	LMSSP-04BFFM-SL8G 10 *
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	LMSSP-04BFFM-SL8N 10 *
	Metal Nut	UL2586, PVC Jacket	LM12S-04BMMM-PL8G 10 *	LM12S-04BFFM-SL8G 10 *
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12S-04BMMM-PL8N 10 *	LM12S-04BFFM-SL8N 10 *
	Shielded	UL2586, PVC Jacket	LMSSS-04BMMM-PL8G 10 *	LMSSS-04BFFM-SL8G 10 *
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSSS-04BMMM-PL8N 10 *	LMSSS-04BFFM-SL8N 10 *
		UL2586, PVC Jacket	LSM12S-04BMMM-PL8G 10 *	LSM12S-04BFFM-SL8G 10 *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12S-04BMMM-PL8N 10 *	LSM12S-04BFFM-SL8N 10 *
		UL2586, PVC Jacket	LSMSSS-04BMMM-PL8G 10 *	LSMSSS-04BFFM-SL8G 10 *
Stainless Shielded		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSSS-04BMMM-PL8N 10 *	LSMSSS-04BFFM-SL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

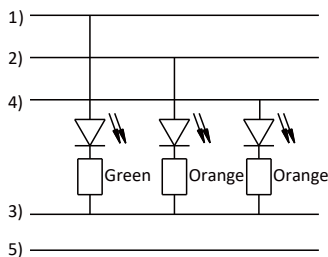
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	LMSSP-04BFFM-SR8G 10 *
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	LMSSP-04BFFM-SR8N 10 *
	Metal Nut	UL2586, PVC Jacket	LM12S-04BMMM-PR8G 10 *	LM12S-04BFFM-SR8G 10 *
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12S-04BMMM-PR8N 10 *	LM12S-04BFFM-SR8N 10 *
	Shielded	UL2586, PVC Jacket	LMSSS-04BMMM-PR8G 10 *	LMSSS-04BFFM-SR8G 10 *
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSSS-04BMMM-PR8N 10 *	LMSSS-04BFFM-SR8N 10 *
		UL2586, PVC Jacket	LSM12S-04BMMM-PR8G 10 *	LSM12S-04BFFM-SR8G 10 *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12S-04BMMM-PR8N 10 *	LSM12S-04BFFM-SR8N 10 *
		UL2586, PVC Jacket	LSMSSS-04BMMM-PR8G 10 *	LSMSSS-04BFFM-SR8G 10 *
Stainless Shielded		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSSS-04BMMM-PR8N 10 *	LSMSSS-04BFFM-SR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

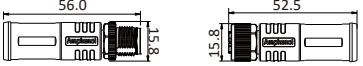
4 (LED)			5 (4+PE) (LED)	
T			K	
63V			630V	
12A			16A	
MM	MPronto-12 (M/M)	FF	Male Power / Female Ground	MPronto-12 (M/M)
				
-	-	-	-	-
LMSTP-04BMMM-SL8H 	-	LMSTP-04BFFM-SL8H 	-	-
-	-	-	LMSKP-05BMEM-SL8S 	-
LMSTP-04BMMM-SL8N 	-	LMSTP-04BFFM-SL8N 	LMSKP-05BMEM-SL8N 	-
-	-	-	-	-
LM12T-04BMMM-SL8H 	LM12T-04BMMM-PL8H 	LM12T-04BFFM-SL8H 	-	-
-	-	-	LM12K-05BMEM-SL8S 	LM12K-05BMEM-PL8S 
LM12T-04BMMM-SL8N 	LM12T-04BMMM-PL8N 	LM12T-04BFFM-SL8N 	LM12K-05BMEM-SL8N 	LM12K-05BMEM-PL8N 
-	-	-	-	-
LMSTS-04BMMM-SL8H 	LMSTS-04BMMM-PL8H 	LMSTS-04BFFM-SL8H 	-	-
LMSTS-04BMMM-SL8N 	LMSTS-04BMMM-PL8N 	LMSTS-04BFFM-SL8N 	LMSKS-05BMEM-SL8N 	LMSKS-05BMEM-PL8N 
-	-	-	-	-
LSM12T-04BMMM-SL8H 	LSM12T-04BMMM-PL8H 	LSM12T-04BFFM-SL8H 	-	-
-	-	-	LSM12K-05BMEM-SL8S 	LSM12K-05BMEM-PL8S 
LSM12T-04BMMM-SL8N 	LSM12T-04BMMM-PL8N 	LSM12T-04BFFM-SL8N 	LSM12K-05BMEM-SL8N 	LSM12K-05BMEM-PL8N 
-	-	-	-	-
LSMSTS-04BMMM-SL8H 	LSMSTS-04BMMM-PL8H 	LSMSTS-04BFFM-SL8H 	-	-
-	-	-	LSMSKS-05BMEM-SL8S 	LSMSKS-05BMEM-PL8S 
LSMSTS-04BMMM-SL8N 	LSMSTS-04BMMM-PL8N 	LSMSTS-04BFFM-SL8N 	LSMSKS-05BMEM-SL8N 	LSMSKS-05BMEM-PL8N 
-	-	-	-	-
LMSTP-04BMMM-SR8H 	-	LMSTP-04BFFM-SR8H 	-	-
-	-	-	LMSKP-05BMEM-SR8S 	-
LMSTP-04BMMM-SR8N 	-	LMSTP-04BFFM-SR8N 	LMSKP-05BMEM-SR8N 	-
-	-	-	-	-
LM12T-04BMMM-SR8H 	LM12T-04BMMM-PR8H 	LM12T-04BFFM-SR8H 	-	-
-	-	-	LM12K-05BMEM-SR8S 	LM12K-05BMEM-PR8S 
LM12T-04BMMM-SR8N 	LM12T-04BMMM-PR8N 	LM12T-04BFFM-SR8N 	LM12K-05BMEM-SR8N 	LM12K-05BMEM-PR8N 
-	-	-	-	-
LMSTS-04BMMM-SR8H 	LMSTS-04BMMM-PR8H 	LMSTS-04BFFM-SR8H 	-	-
LMSTS-04BMMM-SR8N 	LMSTS-04BMMM-PR8N 	LMSTS-04BFFM-SR8N 	LMSKS-05BMEM-SR8N 	LMSKS-05BMEM-PR8N 
-	-	-	-	-
LSM12T-04BMMM-SR8H 	LSM12T-04BMMM-PR8H 	LSM12T-04BFFM-SR8H 	-	-
-	-	-	LSM12K-05BMEM-SR8S 	LSM12K-05BMEM-PR8S 
LSM12T-04BMMM-SR8N 	LSM12T-04BMMM-PR8N 	LSM12T-04BFFM-SR8N 	LSM12K-05BMEM-SR8N 	LSM12K-05BMEM-PR8N 
-	-	-	-	-
LSMSTS-04BMMM-SR8H 	LSMSTS-04BMMM-PR8H 	LSMSTS-04BFFM-SR8H 	-	-
-	-	-	LSMSKS-05BMEM-SR8S 	LSMSKS-05BMEM-PR8S 
LSMSTS-04BMMM-SR8N 	LSMSTS-04BMMM-PR8N 	LSMSTS-04BFFM-SR8N 	LSMSKS-05BMEM-SR8N 	LSMSKS-05BMEM-PR8N 



Number of Contacts	5 (4+PE) (LED)	5 (4+PE) (LED)
Coding	K	M
Rated Voltage (AC/DC)	630V	630V
Nominal current	16A	8A
Connector/Contact Gender	Female Power / Male Ground	Male Power / Female Ground
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM	FF	K, L code		M code					
All Plastic	UL20233, PUR Jacket					-		-	
	UL20234, PUR Jacket					LMSKP-05B FDM -SL8S 10 *		LMSMP-05B MEM -SL8S 10 *	
	UL20549, High Flex / Bending PUR					LMSKP-05B FDM -SL8N 10 *		LMSMP-05B MEM -SL8N 10 *	
Metal Nut	UL20233, PUR Jacket					-		-	
	UL20234, PUR Jacket					LM12K-05B FDM -SL8S 10 *		LM12M-05B MEM -SL8S 10 *	
	UL20549, High Flex / Bending PUR					LM12K-05B FDM -SL8N 10 *		LM12M-05B MEM -SL8N 10 *	
Shielded	UL20233, PUR Jacket					-		-	
	UL20234, PUR Jacket					-		LMSMS-05B MEM -SL8S 10 *	
	UL20549, High Flex / Bending PUR					LMSKS-05B FDM -SL8N 10 *		LMSMS-05B MEM -SL8N 10 *	
Stainless	UL20233, PUR Jacket					-		-	
	UL20234, PUR Jacket					LSM12K-05B FDM -SL8S 10 *		LSM12M-05B MEM -SL8S 10 *	
	UL20549, High Flex / Bending PUR					LSM12K-05B FDM -SL8N 10 *		LSM12M-05B MEM -SL8N 10 *	
Stainless Shielded	UL20233, PUR Jacket					-		-	
	UL20234, PUR Jacket					LSMSKS-05B FDM -SL8S 10 *		LSMSMS-05B MEM -SL8S 10 *	
	UL20549, High Flex / Bending PUR					LSMSKS-05B FDM -SL8N 10 *		LSMSMS-05B MEM -SL8N 10 *	

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

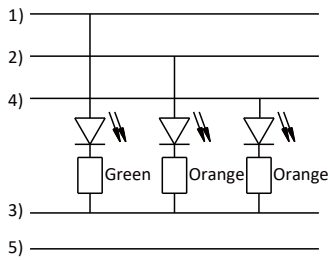
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

MM FF K, L code M code 				
All Plastic	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	LMSKP-05BFDM-SR8S 10 *	LMSMP-05BMEM-SR8S 10 *	
	UL20549, High Flex / Bending PUR	LMSKP-05BFDM-SR8N 10 *	LMSMP-05BMEM-SR8N 10 *	
Metal Nut	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	LM12K-05BFDM-SR8S 10 *	LM12M-05BMEM-SR8S 10 *	
	UL20549, High Flex / Bending PUR	LM12K-05BFDM-SR8N 10 *	LM12M-05BMEM-SR8N 10 *	
Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	-	LMSMS-05BMEM-SR8S 10 *	
	UL20549, High Flex / Bending PUR	LMSKS-05BFDM-SR8N 10 *	LMSMS-05BMEM-SR8N 10 *	
Stainless	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	LSM12K-05BFDM-SR8S 10 *	LSM12M-05BMEM-SR8S 10 *	
	UL20549, High Flex / Bending PUR	LSM12K-05BFDM-SR8N 10 *	LSM12M-05BMEM-SR8N 10 *	
Stainless Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	LSMSKS-05BFDM-SR8S 10 *	LSMSMS-05BMEM-SR8S 10 *	
	UL20549, High Flex / Bending PUR	LSMSKS-05BFDM-SR8N 10 *	LSMSMS-05BMEM-SR8N 10 *	

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (4+PE) (LED)		5 (4+FE) (LED)		
M		L		
630V		63V		
8A		16A		
MPronto-12 (M/M)	Female Power / Male Ground	Male Power / Female Ground	MPronto-12 (M/M)	Female Power / Male Ground
				
-	-	LMSLP-05B MEM -SL8H  *	-	LMSLP-05B FDM -SL8H  *
-	LMSMP-05B FDM -SL8S  *	-	-	-
-	LMSMP-05B FDM -SL8N  *	LMSLP-05B MEM -SL8N  *	-	LMSLP-05B FDM -SL8N  *
-	-	LM12L-05B MEM -SL8H  *	LM12L-05B MEM -PL8H  *	LM12L-05B FDM -SL8H  *
LM12M-05B MEM -PL8S  *	LM12M-05B FDM -SL8S  *	-	-	-
LM12M-05B MEM -PL8N  *	LM12M-05B FDM -SL8N  *	LM12L-05B MEM -SL8N  *	LM12L-05B MEM -PL8N  *	LM12L-05B FDM -SL8N  *
-	-	LMSLS-05B MEM -SL8H  *	LMSLS-05B MEM -PL8H  *	LMSLS-05B FDM -SL8H  *
LMSMS-05B MEM -PL8S  *	LMSMS-05B FDM -SL8S  *	-	-	-
LMSMS-05B MEM -PL8N  *	LMSMS-05B FDM -SL8N  *	LMSLS-05B MEM -SL8N  *	LMSLS-05B MEM -PL8N  *	LMSLS-05B FDM -SL8N  *
-	-	LM12L-05B MEM -SL8H  *	LM12L-05B MEM -PL8H  *	LM12L-05B FDM -SL8H  *
LSM12M-05B MEM -PL8S  *	LSM12M-05B FDM -SL8S  *	-	-	-
LSM12M-05B MEM -PL8N  *	LSM12M-05B FDM -SL8N  *	LM12L-05B MEM -SL8N  *	LM12L-05B MEM -PL8N  *	LM12L-05B FDM -SL8N  *
-	-	LSMSLS-05B MEM -SL8H  *	LSMSLS-05B MEM -PL8H  *	LSMSLS-05B FDM -SL8H  *
LSMSMS-05B MEM -PL8S  *	LSMSMS-05B FDM -SL8S  *	-	-	-
LSMSMS-05B MEM -PL8N  *	LSMSMS-05B FDM -SL8N  *	LSMSLS-05B MEM -SL8N  *	LSMSLS-05B MEM -PL8N  *	LSMSLS-05B FDM -SL8N  *
-	-	LMSLP-05B MEM -SR8H  *	-	LMSLP-05B FDM -SR8H  *
-	LMSMP-05B FDM -SR8S  *	-	-	-
-	LMSMP-05B FDM -SR8N  *	LMSLP-05B MEM -SR8N  *	-	LMSLP-05B FDM -SR8N  *
-	-	LM12L-05B MEM -SR8H  *	LM12L-05B MEM -PR8H  *	LM12L-05B FDM -SR8H  *
LM12M-05B MEM -PR8S  *	LM12M-05B FDM -SR8S  *	-	-	-
LM12M-05B MEM -PR8N  *	LM12M-05B FDM -SR8N  *	LM12L-05B MEM -SR8N  *	LM12L-05B MEM -PR8N  *	LM12L-05B FDM -SR8N  *
-	-	LMSLS-05B MEM -SR8H  *	LMSLS-05B MEM -PR8H  *	LMSLS-05B FDM -SR8H  *
LMSMS-05B MEM -PR8S  *	LMSMS-05B FDM -SR8S  *	-	-	-
LMSMS-05B MEM -PR8N  *	LMSMS-05B FDM -SR8N  *	LMSLS-05B MEM -SR8N  *	LMSLS-05B MEM -PR8N  *	LMSLS-05B FDM -SR8N  *
-	-	LM12L-05B MEM -SR8H  *	LM12L-05B MEM -PR8H  *	LM12L-05B FDM -SR8H  *
LSM12M-05B MEM -PR8S  *	LSM12M-05B FDM -SR8S  *	-	-	-
LSM12M-05B MEM -PR8N  *	LSM12M-05B FDM -SR8N  *	LM12L-05B MEM -SR8N  *	LM12L-05B MEM -PR8N  *	LM12L-05B FDM -SR8N  *
-	-	LSMSLS-05B MEM -SR8H  *	LSMSLS-05B MEM -PR8H  *	LSMSLS-05B FDM -SR8H  *
LSMSMS-05B MEM -PR8S  *	LSMSMS-05B FDM -SR8S  *	-	-	-
LSMSMS-05B MEM -PR8N *	LSMSMS-05B FDM -SR8N *	LSMSLS-05B MEM -SR8N *	LSMSLS-05B MEM -PR8N *	LSMSLS-05B FDM -SR8N *



Number of Contacts	6 (5+PE) (LED)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Connector/Contact Gender	Male Power / Female Ground	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact ME: Male Connector Male PWD + Female GND FD: Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMP-06B MEM -SL8S 10 *	-
		UL20549, High Flex / Bending PUR	LMSMP-06B MEM -SL8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M-06B MEM -SL8S 10 *	LM12M-06B MEM -PL8S 10 *
		UL20549, High Flex / Bending PUR	LM12M-06B MEM -SL8N 10 *	LM12M-06B MEM -PL8N 10 *
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMS-06B MEM -SL8S 10 *	LMSMS-06B MEM -PL8S 10 *
		UL20549, High Flex / Bending PUR	LMSMS-06B MEM -SL8N 10 *	LMSMS-06B MEM -PL8N 10 *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSM12M-06B MEM -SL8S 10 *	LSM12M-06B MEM -PL8S 10 *
		UL20549, High Flex / Bending PUR	LSM12M-06B MEM -SL8N 10 *	LSM12M-06B MEM -PL8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSMSMS-06B MEM -SL8S 10 *	LSMSMS-06B MEM -PL8S 10 *
		UL20549, High Flex / Bending PUR	LSMSMS-06B MEM -SL8N 10 *	LSMSMS-06B MEM -PL8N 10 *

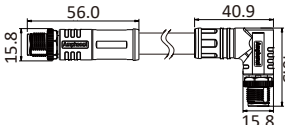
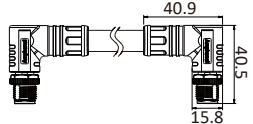
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

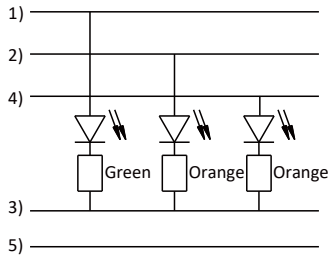
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMP-06B MEM -SR8S 10 *	-
		UL20549, High Flex / Bending PUR	LMSMP-06B MEM -SR8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M-06B MEM -SR8S 10 *	LM12M-06B MEM -PR8S 10 *
		UL20549, High Flex / Bending PUR	LM12M-06B MEM -SR8N 10 *	LM12M-06B MEM -PR8N 10 *
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMS-06B MEM -SR8S 10 *	LMSMS-06B MEM -PR8S 10 *
		UL20549, High Flex / Bending PUR	LMSMS-06B MEM -SR8N 10 *	LMSMS-06B MEM -PR8N 10 *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSM12M-06B MEM -SR8S 10 *	LSM12M-06B MEM -PR8S 10 *
		UL20549, High Flex / Bending PUR	LSM12M-06B MEM -SR8N 10 *	LSM12M-06B MEM -PR8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSMSMS-06B MEM -SR8S 10 *	LSMSMS-06B MEM -PR8S 10 *
		UL20549, High Flex / Bending PUR	LSMSMS-06B MEM -SR8N 10 *	LSMSMS-06B MEM -PR8N 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6 (5+PE) (LED)	Number of Contacts		2 (LED)
M	Coding		L
630V	Rated Voltage (AC/DC)		63V
8A	Nominal current		16A
Female Power / Male Ground	Connector/Contact Gender		MM
	MM : Male Connector Male Contact		
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly			
⑩ Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM			
	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLP02ML-SLPML-SH ⑩ * LMSLP02ML-SLPML-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02ML-12LML-SH ⑩ * LM12L02ML-12LML-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSML-SH ⑩ * LMSLS02ML-SLSML-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02ML-12LML-SH ⑩ * LM12L02ML-12LML-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSML-SH ⑩ * LMSLS02ML-SLSML-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSML-SH ⑩ * LMSLS02ML-SLSML-SN ⑩ *
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly			
⑩ Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM			
	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLP02ML-SLPMR-SH ⑩ * LMSLP02ML-SLPMR-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02ML-12LMR-SH ⑩ * LM12L02ML-12LMR-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSMR-SH ⑩ * LMSLS02ML-SLSMR-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02ML-12LMR-SH ⑩ * LM12L02ML-12LMR-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSMR-SH ⑩ * LMSLS02ML-SLSMR-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02ML-SLSMR-SH ⑩ * LMSLS02ML-SLSMR-SN ⑩ *
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly			
⑩ Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM			
	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLP02MR-SLPMR-SH ⑩ * LMSLP02MR-SLPMR-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02MR-12LMR-SH ⑩ * LM12L02MR-12LMR-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02MR-SLSMR-SH ⑩ * LMSLS02MR-SLSMR-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LM12L02MR-12LMR-SH ⑩ * LM12L02MR-12LMR-SN ⑩ *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02MR-SLSMR-SH ⑩ * LMSLS02MR-SLSMR-SN ⑩ *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	LMSLS02MR-SLSMR-SH ⑩ * LMSLS02MR-SLSMR-SN ⑩ *



Number of Contacts	2 (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Connector/Contact Gender	MF	FM
MM : Male Connector Male Contact FF : Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM		All Plastic	UL20233, PUR Jacket	LMSLP02ML-SLPFL-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LMSLP02ML-SLPFL-SN ^{10*}	-
FF		Metal Nut	UL20233, PUR Jacket	LM12L02ML-12LFL-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LM12L02ML-12LFL-SN ^{10*}	-
MF		Shielded	UL20233, PUR Jacket	LMSLS02ML-SLSFL-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LMSLS02ML-SLSFL-SN ^{10*}	-
		Stainless	UL20233, PUR Jacket	LM12L02ML-12LFL-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LM12L02ML-12LFL-SN ^{10*}	-
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS02ML-SLSFL-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LSMSLS02ML-SLSFL-SN ^{10*}	-

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM		All Plastic	UL20233, PUR Jacket	LMSLP02ML-SLPFR-SH ^{10*}	LMSLP02FL-SLPMR-SH ^{10*}
			UL20549, High Flex / Bending PUR	LMSLP02ML-SLPFR-SN ^{10*}	LMSLP02FL-SLPMR-SN ^{10*}
FF		Metal Nut	UL20233, PUR Jacket	LM12L02ML-12LFR-SH ^{10*}	LM12L02FL-12LMR-SH ^{10*}
			UL20549, High Flex / Bending PUR	LM12L02ML-12LFR-SN ^{10*}	LM12L02FL-12LMR-SN ^{10*}
MF		Shielded	UL20233, PUR Jacket	LMSLS02ML-SLSFR-SH ^{10*}	LMSLS02FL-SLSMR-SH ^{10*}
			UL20549, High Flex / Bending PUR	LMSLS02ML-SLSFR-SN ^{10*}	LMSLS02FL-SLSMR-SN ^{10*}
FM		Stainless	UL20233, PUR Jacket	LM12L02ML-12LFR-SH ^{10*}	LM12L02FL-12LMR-SH ^{10*}
			UL20549, High Flex / Bending PUR	LM12L02ML-12LFR-SN ^{10*}	LM12L02FL-12LMR-SN ^{10*}
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS02ML-SLSFR-SH ^{10*}	LSMSLS02FL-SLSMR-SH ^{10*}
			UL20549, High Flex / Bending PUR	LSMSLS02ML-SLSFR-SN ^{10*}	LSMSLS02FL-SLSMR-SN ^{10*}

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM		All Plastic	UL20233, PUR Jacket	LMSLP02MR-SLPFR-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LMSLP02MR-SLPFR-SN ^{10*}	-
FF		Metal Nut	UL20233, PUR Jacket	LM12L02MR-12LFR-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LM12L02MR-12LFR-SN ^{10*}	-
MF		Shielded	UL20233, PUR Jacket	LMSLS02MR-SLSFR-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LMSLS02MR-SLSFR-SN ^{10*}	-
		Stainless	UL20233, PUR Jacket	LM12L02MR-12LFR-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LM12L02MR-12LFR-SN ^{10*}	-
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS02MR-SLSFR-SH ^{10*}	-
			UL20549, High Flex / Bending PUR	LSMSLS02MR-SLSFR-SN ^{10*}	-

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

2 (LED)		2 (LED)		
L		T		
63V		63V		
16A		12A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	LMSLP02FL-SLPFL-SH 	LMSTP02ML-STPML-SH 	LMSTP02ML-STPFL-SH 	-
-	LMSLP02FL-SLPFL-SN 	LMSTP02ML-STPML-SN 	LMSTP02ML-STPFL-SN 	-
LM12L02ML-12LML-PH 	LM12L02FL-12LFL-SH 	LM12T02ML-12TML-SH 	LM12T02ML-12TFL-SH 	-
LM12L02ML-SLPML-PN 	LM12L02FL-12LFL-SN 	LM12T02ML-12TML-SN 	LM12T02ML-12TFL-SN 	-
LMSLS02ML-SLSML-PH 	LMSLS02FL-SLSFL-SH 	LMSTS02ML-STSML-SH 	LMSTS02ML-STSFL-SH 	-
LMSLS02ML-SLSML-PN 	LMSLS02FL-SLSFL-SN 	LMSTS02ML-STSML-SN 	LMSTS02ML-STSFL-SN 	-
LM12L02ML-12LML-PH 	LM12L02FL-12LFL-SH 	LSM12T02ML-12TML-SH 	LSM12T02ML-12TFL-SH 	-
LM12L02ML-SLPML-PN 	LM12L02FL-12LFL-SN 	LSM12T02ML-12TML-SN 	LSM12T02ML-12TFL-SN 	-
LSMSLS02ML-SLSML-PH 	LSMSLS02FL-SLSFL-SH 	LSMSTS02ML-STSMML-SH 	LSMSTS02ML-STSFLL-SH 	-
LSMSLS02ML-SLSML-PN 	LSMSLS02FL-SLSFL-SN 	LSMSTS02ML-STSMML-SN 	LSMSTS02ML-STSFLL-SN 	-
-	LMSLP02FL-SLPFR-SH 	LMSTP02ML-STPMR-SH 	LMSTP02ML-STPFR-SH 	LMSTP02FL-STPMR-SH 
-	LMSLP02FL-SLPFR-SN 	LMSTP02ML-STPMR-SN 	LMSTP02ML-STPFR-SN 	LMSTP02FL-STPMR-SN 
LM12L02ML-12LMR-PH 	LM12L02FL-12LFR-SH 	LM12T02ML-12TMR-SH 	LM12T02ML-12TFR-SH 	LM12T02FL-12TMR-SH 
LM12L02ML-SLPMR-PN 	LM12L02FL-12LFR-SN 	LM12T02ML-12TMR-SN 	LM12T02ML-12TFR-SN 	LM12T02FL-12TMR-SN 
LMSLS02ML-SLSMR-PH 	LMSLS02FL-SLSFR-SH 	LMSTS02ML-STSMR-SH 	LMSTS02ML-STSFR-SH 	LMSTS02FL-STSMR-SH 
LMSLS02ML-SLSMR-PN 	LMSLS02FL-SLSFR-SN 	LMSTS02ML-STSMR-SN 	LMSTS02ML-STSFR-SN 	LMSTS02FL-STSMR-SN 
LM12L02ML-12LMR-PH 	LM12L02FL-12LFR-SH 	LSM12T02ML-12TMR-SH 	LSM12T02ML-12TFR-SH 	LSM12T02FL-12TMR-SH 
LM12L02ML-SLPMR-PN 	LM12L02FL-12LFR-SN 	LSM12T02ML-12TMR-SN 	LSM12T02ML-12TFR-SN 	LSM12T02FL-12TMR-SN 
LSMSLS02ML-SLSMR-PH 	LSMSLS02FL-SLSFR-SH 	LSMSTS02ML-STSMR-SH 	LSMSTS02ML-STSFR-SH 	LSMSTS02FL-STSMR-SH 
LSMSLS02ML-SLSMR-PN 	LSMSLS02FL-SLSFR-SN 	LSMSTS02ML-STSMR-SN 	LSMSTS02ML-STSFR-SN 	LSMSTS02FL-STSMR-SN 
-	LMSLP02FR-SLPFR-SH 	LMSTP02MR-STPMR-SH 	LMSTP02MR-STPFR-SH 	-
-	LMSLP02FR-SLPFR-SN 	LMSTP02MR-STPMR-SN 	LMSTP02MR-STPFR-SN 	-
LM12L02MR-12LMR-PH 	LM12L02FR-12LFR-SH 	LM12T02MR-12TMR-SH 	LM12T02MR-12TFR-SH 	-
LM12L02MR-SLPMR-PN 	LM12L02FR-12LFR-SN 	LM12T02MR-12TMR-SN 	LM12T02MR-12TFR-SN 	-
LMSLS02MR-SLSMR-PH 	LMSLS02FR-SLSFR-SH 	LMSTS02MR-STSMR-SH 	LMSTS02MR-STSFR-SH 	-
LMSLS02MR-SLSMR-PN 	LMSLS02FR-SLSFR-SN 	LMSTS02MR-STSMR-SN 	LMSTS02MR-STSFR-SN 	-
LM12L02MR-12LMR-PH 	LM12L02FR-12LFR-SH 	LSM12T02MR-12TMR-SH 	LSM12T02MR-12TFR-SH 	-
LM12L02MR-SLPMR-PN 	LM12L02FR-12LFR-SN 	LSM12T02MR-12TMR-SN 	LSM12T02MR-12TFR-SN 	-
LSMSLS02MR-SLSMR-PH 	LSMSLS02FR-SLSFR-SH 	LSMSTS02MR-STSMR-SH 	LSMSTS02MR-STSFR-SH 	-
LSMSLS02MR-SLSMR-PN 	LSMSLS02FR-SLSFR-SN 	LSMSTS02MR-STSMR-SN 	LSMSTS02MR-STSFR-SN 	-

Screw Threaded (M12 * 1.0) LED Overmolded Cable

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE) (LED)				
K				
630V				
16A				
Male Power / Female Ground	MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
				
-	-	-	-	-
LMSKP03EL-SKPEL-SS 10 *	-	-	-	LMSKP03DL-SKPDL-SS 10 *
LMSKP03EL-SKPEL-SN 10 *	LMSKP03EL-SKPDL-SN 10 *	-	-	LMSKP03DL-SKPDL-SN 10 *
-	-	-	-	-
LM12K03EL-12KEL-SS 10 *	-	-	LM12K03EL-SKPEL-PS 10 *	LM12K03DL-12KDL-SS 10 *
LM12K03EL-12KEL-SN 10 *	LM12K03EL-12KDL-SN 10 *	-	LM12K03EL-SKPEL-PN 10 *	LM12K03DL-12KDL-SN 10 *
-	-	-	-	-
LMSKS03EL-SKSEL-SS 10 *	-	-	LMSKS03EL-SKSEL-PS 10 *	LMSKS03DL-SKSDL-SS 10 *
LMSKS03EL-SKSEL-SN 10 *	LMSKS03EL-SKSDL-SN 10 *	-	LMSKS03EL-SKSEL-PN 10 *	LMSKS03DL-SKSDL-SN 10 *
-	-	-	-	-
LSM12K03EL-12KEL-SS 10 *	-	-	LSM12K03EL-SKPEL-PS 10 *	LSM12K03DL-12KDL-SS 10 *
LSM12K03EL-12KEL-SN 10 *	LSM12K03EL-12KDL-SN 10 *	-	LSM12K03EL-SKPEL-PN 10 *	LSM12K03DL-12KDL-SN 10 *
-	-	-	-	-
LSMSKS03EL-SKSEL-SS 10 *	-	-	LSMSKS03EL-SKSEL-PS 10 *	LSMSKS03DL-SKSDL-SS 10 *
LSMSKS03EL-SKSEL-SN 10 *	LSMSKS03EL-SKSDL-SN 10 *	-	LSMSKS03EL-SKSEL-PN 10 *	LSMSKS03DL-SKSDL-SN 10 *
-	-	-	-	-
LMSKP03EL-SKPER-SS 10 *	-	-	-	LMSKP03DL-SKPDR-SS 10 *
LMSKP03EL-SKPER-SN 10 *	LMSKP03EL-SKPDR-SN 10 *	LMSKP03DL-SKPER-SN 10 *	-	LMSKP03DL-SKPDR-SN 10 *
-	-	-	-	-
LM12K03EL-12KER-SS 10 *	-	-	LM12K03EL-12KER-PS 10 *	LM12K03DL-12KDR-SS 10 *
LM12K03EL-12KER-SN 10 *	LM12K03EL-12KDR-SN 10 *	LM12K03DL-12KER-SN 10 *	LM12K03EL-SKPER-PN 10 *	LM12K03DL-12KDR-SN 10 *
-	-	-	-	-
LM12K03EL-12KER-SS 10 *	-	-	LM12K03EL-12KER-PS 10 *	LM12K03DL-12KDR-SS 10 *
LMSKS03EL-SKSER-SN 10 *	LMSKS03EL-SKSDR-SN 10 *	LMSKS03DL-SKSER-SN 10 *	LMSKS03EL-SKSER-PN 10 *	LMSKS03DL-SKSDR-SN 10 *
-	-	-	-	-
LSM12K03EL-12KER-SS 10 *	-	-	LSM12K03EL-12KER-PS 10 *	LSM12K03DL-12KDR-SS 10 *
LSM12K03EL-12KER-SN 10 *	LSM12K03EL-12KDR-SN 10 *	LSM12K03DL-12KER-SN 10 *	LSM12K03EL-SKPER-PN 10 *	LSM12K03DL-12KDR-SN 10 *
-	-	-	-	-
LSMSKS03EL-SKSER-SS 10 *	-	-	LSMSKS03EL-SKSER-PS 10 *	LSMSKS03DL-SKSDR-SS 10 *
LSMSKS03EL-SKSER-SN 10 *	LSMSKS03EL-SKSDR-SN 10 *	LSMSKS03DL-SKSER-SN 10 *	LSMSKS03EL-SKSER-PN 10 *	LSMSKS03DL-SKSDR-SN 10 *
-	-	-	-	-
LMSKP03ER-SKPER-SS 10 *	-	-	-	LMSKP03DR-SKPDR-SS 10 *
LMSKP03ER-SKPER-SN 10 *	LMSKP03ER-SKPDR-SN 10 *	-	-	LMSKP03DR-SKPDR-SN 10 *
-	-	-	-	-
LM12K03ER-12KER-SS 10 *	-	-	LM12K03ER-12KER-PS 10 *	LM12K03DR-12KDR-SS 10 *
LM12K03ER-12KER-SN 10 *	LM12K03ER-12KDR-SN 10 *	-	LM12K03ER-SKPER-PN 10 *	LM12K03DR-12KDR-SN 10 *
-	-	-	-	-
LMSKS03ER-SKSER-SS 10 *	-	-	LMSKS03ER-SKSER-PS 10 *	LMSKS03DR-SKSDR-SS 10 *
LMSKS03ER-SKSER-SN 10 *	LMSKS03ER-SKSDR-SN 10 *	-	LMSKS03ER-SKSER-PN 10 *	LMSKS03DR-SKSDR-SN 10 *
-	-	-	-	-
LSM12K03ER-12KER-SS 10 *	-	-	LSM12K03ER-SKPER-PS 10 *	LSM12K03DR-12KDR-SS 10 *
LSM12K03ER-12KER-SN 10 *	LSM12K03ER-12KDR-SN 10 *	-	LSM12K03ER-SKPER-PN 10 *	LSM12K03DR-12KDR-SN 10 *
-	-	-	-	-
LSMSKS03ER-SKSER-SS 10 *	-	-	LSMSKS03ER-SKSER-PS 10 *	LSMSKS03DR-SKSDR-SS 10 *
LSMSKS03ER-SKSER-SN 10 *	LSMSKS03ER-SKSDR-SN 10 *	-	LSMSKS03ER-SKSER-PN 10 *	LSMSKS03DR-SKSDR-SN 10 *

Number of Contacts		3 (2+PE) (LED)	
Coding		M	
Rated Voltage (AC/DC)		630V	
Nominal current		8A	
Connector/Contact Gender		Male Power / Female Ground	MF

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

M code L code 	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMP03EL-SMPEL-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMP03EL-SMPEL-SN ¹⁰ *	LMSMP03EL-SMPDL-SN ¹⁰ *
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M03EL-12MEL-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LM12M03EL-12MEL-SN ¹⁰ *	LM12M03EL-12MDL-SN ¹⁰ *
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMS03EL-SMSEL-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMS03EL-SMSEL-SN ¹⁰ *	LMSMS03EL-SMSDL-SN ¹⁰ *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSM12M03EL-12MEL-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSM12M03EL-12MEL-SN ¹⁰ *	LSM12M03EL-12MDL-SN ¹⁰ *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSMSMS03EL-SMSEL-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSMSMS03EL-SMSEL-SN ¹⁰ *	LSMSMS03EL-SMSDL-SN ¹⁰ *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

M code L code 	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMP03EL-SMPER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMP03EL-SMPER-SN ¹⁰ *	LMSMP03EL-SMPDR-SN ¹⁰ *
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M03EL-12MER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LM12M03EL-12MER-SN ¹⁰ *	LM12M03EL-12MDR-SN ¹⁰ *
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M03EL-12MER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMS03EL-SMSER-SN ¹⁰ *	LMSMS03EL-SMSDR-SN ¹⁰ *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSM12M03EL-12MER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSM12M03EL-12MER-SN ¹⁰ *	LSM12M03EL-12MDR-SN ¹⁰ *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSMSMS03EL-SMSER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSMSMS03EL-SMSER-SN ¹⁰ *	LSMSMS03EL-SMSDR-SN ¹⁰ *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

M code L code 	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMP03ER-SMPER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMP03ER-SMPER-SN ¹⁰ *	LMSMP03ER-SMPDR-SN ¹⁰ *
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LM12M03ER-12MER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LM12M03ER-12MER-SN ¹⁰ *	LM12M03ER-12MDR-SN ¹⁰ *
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LMSMS03ER-SMSER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LMSMS03ER-SMSER-SN ¹⁰ *	LMSMS03ER-SMSDR-SN ¹⁰ *
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSM12M03ER-12MER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSM12M03ER-12MER-SN ¹⁰ *	LSM12M03ER-12MDR-SN ¹⁰ *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	LSMSMS03ER-SMSER-SS ¹⁰ *	-
		UL20549, High Flex / Bending PUR	LSMSMS03ER-SMSER-SN ¹⁰ *	LSMSMS03ER-SMSDR-SN ¹⁰ *

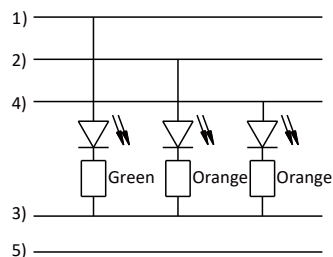
¹⁾ Standard Lengths: 1M, 2M, 3M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

* Upon Request

3 (2+PE) (LED)			3 (LED)	
M			L	
630V			63V	
8A			12A	
FM	MPronto-12 (M/M)	Female Power / Male Ground	MM	MF
				
-	-	-	LMSLP03 ML -SL PML -SH ¹⁰ *	LMSLP03 ML -SL PFL -SH ¹⁰ *
-	-	LMSMP03 DL -SMP DL -SS ¹⁰ *	-	-
-	-	LMSMP03 DL -SMP DL -SN ¹⁰ *	LMSLP03 ML -SL PML -SN ¹⁰ *	LMSLP03 ML -SL PFL -SN ¹⁰ *
-	-	-	LM12L03 ML -12 LML -SH ¹⁰ *	LM12L03 ML -12 LFL -SH ¹⁰ *
-	LM12M03EL-SMPEL-PS ¹⁰ *	LM12M03 DL -12 MDL -SS ¹⁰ *	-	-
-	LM12M03EL-SMPEL-PN ¹⁰ *	LM12M03 DL -12 MDL -SN ¹⁰ *	LM12L03 ML -12 LML -SN ¹⁰ *	LM12L03 ML -12 LFL -SN ¹⁰ *
-	-	-	LMSLS03 ML -SLS ML -SH ¹⁰ *	LMSLS03 ML -SLS FL -SH ¹⁰ *
-	LMSMS03EL-SMSEL-PS ¹⁰ *	LMSMS03 DL -SMS DL -SS ¹⁰ *	-	-
-	LMSMS03EL-SMSEL-PN ¹⁰ *	LMSMS03 DL -SMS DL -SN ¹⁰ *	LMSLS03 ML -SLS ML -SN ¹⁰ *	LMSLS03 ML -SLS FL -SN ¹⁰ *
-	-	-	LM12L03 ML -12 LML -SH ¹⁰ *	LM12L03 ML -12 LFL -SH ¹⁰ *
-	LSM12M03EL-SMPEL-PS ¹⁰ *	LSM12M03 DL -12 MDL -SS ¹⁰ *	-	-
-	LSM12M03EL-SMPEL-PN ¹⁰ *	LSM12M03 DL -12 MDL -SN ¹⁰ *	LM12L03 ML -12 LML -SN ¹⁰ *	LM12L03 ML -12 LFL -SN ¹⁰ *
-	-	-	LSMSLS03 ML -SLS ML -SH ¹⁰ *	LSMSLS03 ML -SLS FL -SH ¹⁰ *
-	LSMSMS03EL-SMSEL-PS ¹⁰ *	LSMSMS03 DL -SMS DL -SS ¹⁰ *	-	-
-	LSMSMS03EL-SMSEL-PN ¹⁰ *	LSMSMS03 DL -SMS DL -SN ¹⁰ *	LSMSLS03 ML -SLS ML -SN ¹⁰ *	LSMSLS03 ML -SLS FL -SN ¹⁰ *
-	-	-	LMSLP03 ML -SL PMR -SH ¹⁰ *	LMSLP03 ML -SL PFR -SH ¹⁰ *
-	-	LMSMP03 DL -SMP DR -SS ¹⁰ *	-	-
LMSMP03 DL -SMP ER -SN ¹⁰ *	-	LMSMP03 DL -SMP DR -SN ¹⁰ *	LMSLP03 ML -SL PMR -SN ¹⁰ *	LMSLP03 ML -SL PFR -SN ¹⁰ *
-	-	-	LM12L03 ML -12 LMR -SH ¹⁰ *	LM12L03 ML -12 LFR -SH ¹⁰ *
-	LM12M03EL-12MER-PS ¹⁰ *	LM12M03 DL -12 MDR -SS ¹⁰ *	-	-
LM12M03 DL -12MER-SN ¹⁰ *	LM12M03EL-SMP ER -PN ¹⁰ *	LM12M03 DL -12 MDR -SN ¹⁰ *	LM12L03 ML -12 LMR -SN ¹⁰ *	LM12L03 ML -12 LFR -SN ¹⁰ *
-	-	-	LMSLS03 ML -SLS MR -SH ¹⁰ *	LMSLS03 ML -SLS FR -SH ¹⁰ *
-	LM12M03EL-12MER-PS ¹⁰ *	LM12M03 DL -12 MDR -SS ¹⁰ *	-	-
LMSMS03 DL -SMS ER -SN ¹⁰ *	LMSMS03EL-SMS ER -PN ¹⁰ *	LMSMS03 DL -SMS DR -SN ¹⁰ *	LMSLS03 ML -SLS MR -SN ¹⁰ *	LMSLS03 ML -SLS FR -SN ¹⁰ *
-	-	-	LM12L03 ML -12 LMR -SH ¹⁰ *	LM12L03 ML -12 LFR -SH ¹⁰ *
-	LSM12M03EL-12MER-PS ¹⁰ *	LSM12M03 DL -12 MDR -SS ¹⁰ *	-	-
LSM12M03 DL -12MER-SN ¹⁰ *	LSM12M03EL-SMP ER -PN ¹⁰ *	LSM12M03 DL -12 MDR -SN ¹⁰ *	LM12L03 ML -12 LMR -SN ¹⁰ *	LM12L03 ML -12 LFR -SN ¹⁰ *
-	-	-	LSMSLS03 ML -SLS MR -SH ¹⁰ *	LSMSLS03 ML -SLS FR -SH ¹⁰ *
-	LSMSMS03EL-SMS ER -PS ¹⁰ *	LSMSMS03 DL -SMS DR -SS ¹⁰ *	-	-
LSMSMS03 DL -SMS ER -SN ¹⁰ *	LSMSMS03EL-SMS ER -PN ¹⁰ *	LSMSMS03 DL -SMS DR -SN ¹⁰ *	LSMSLS03 ML -SLS MR -SN ¹⁰ *	LSMSLS03 ML -SLS FR -SN ¹⁰ *
-	-	-	LMSLP03 MR -SL PMR -SH ¹⁰ *	LMSLP03 MR -SL PFR -SH ¹⁰ *
-	-	LMSMP03 DR -SMP DR -SS ¹⁰ *	-	-
-	-	LMSMP03 DR -SMP DR -SN ¹⁰ *	LMSLP03 MR -SL PMR -SN ¹⁰ *	LMSLP03 MR -SL PFR -SN ¹⁰ *
-	-	-	LM12L03 MR -12 LMR -SH ¹⁰ *	LM12L03 MR -12 LFR -SH ¹⁰ *
-	LM12M03ER-12MER-PS ¹⁰ *	LM12M03 DR -12 MDR -SS ¹⁰ *	-	-
-	LM12M03ER-SMP ER -PN ¹⁰ *	LM12M03 DR -12 MDR -SN ¹⁰ *	LM12L03 MR -12 LMR -SN ¹⁰ *	LM12L03 MR -12 LFR -SN ¹⁰ *
-	-	-	LMSLS03 MR -SLS MR -SH ¹⁰ *	LMSLS03 MR -SLS FR -SH ¹⁰ *
-	LMSMS03ER-SMS ER -PS ¹⁰ *	LMSMS03 DR -SMS DR -SS ¹⁰ *	-	-
-	LMSMS03ER-SMS ER -PN ¹⁰ *	LMSMS03 DR -SMS DR -SN ¹⁰ *	LMSLS03 MR -SLS MR -SN ¹⁰ *	LMSLS03 MR -SLS FR -SN ¹⁰ *
-	-	-	LM12L03 MR -12 LMR -SH ¹⁰ *	LM12L03 MR -12 LFR -SH ¹⁰ *
-	LSM12M03ER-SMP ER -PS ¹⁰ *	LSM12M03 DR -12 MDR -SS ¹⁰ *	-	-
-	LSM12M03ER-SMP ER -PN ¹⁰ *	LSM12M03 DR -12 MDR -SN ¹⁰ *	LM12L03 MR -12 LMR -SN ¹⁰ *	LM12L03 MR -12 LFR -SN ¹⁰ *
-	-	-	LSMSLS03 MR -SLS MR -SH ¹⁰ *	LSMSLS03 MR -SLS FR -SH ¹⁰ *
-	LSMSMS03ER-SMS ER -PS ¹⁰ *	LSMSMS03 DR -SMS DR -SS ¹⁰ *	-	-
-	LSMSMS03ER-SMS ER -PN ¹⁰ *	LSMSMS03 DR -SMS DR -SN ¹⁰ *	LSMSLS03 MR -SLS MR -SN ¹⁰ *	LSMSLS03 MR -SLS FR -SN ¹⁰ *

M12 L-Code

Screw Threaded (M12 * 1.0) LED Overmolded Cable



Number of Contacts	3 (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	12A	
Connector/Contact Gender	FM	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM 	All Plastic	UL20233, PUR Jacket	-	-
	Metal Nut	UL20549, High Flex / Bending PUR	-	-
FF 	All Plastic	UL20233, PUR Jacket	-	LM12L03ML-12LML-PH ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	-	LM12L03ML-SLPML-PN ⑩*
MF 	Shielded	UL20233, PUR Jacket	-	LMSLS03ML-SLSML-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	-	LMSLS03ML-SLSML-PN ⑩*
	Stainless	UL20233, PUR Jacket	-	LM12L03ML-12LML-PH ⑩*
	Stainless	UL20549, High Flex / Bending PUR	-	LM12L03ML-SLPML-PN ⑩*
	Shielded	UL20233, PUR Jacket	-	LSMSLS03ML-SLSML-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	-	LSMSLS03ML-SLSML-PN ⑩*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM 	All Plastic	UL20233, PUR Jacket	LMSLP03FL-SLPMR-SH ⑩*	-
	Metal Nut	UL20549, High Flex / Bending PUR	LMSLP03FL-SLPMR-SN ⑩*	-
FF 	All Plastic	UL20233, PUR Jacket	LM12L03FL-12LMR-SH ⑩*	LM12L03ML-12LMR-PH ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	LM12L03FL-12LMR-SN ⑩*	LM12L03ML-SLPMR-PN ⑩*
MF 	Shielded	UL20233, PUR Jacket	LMSLS03FL-SLSMR-SH ⑩*	LMSLS03ML-SLSMR-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	LMSLS03FL-SLSMR-SN ⑩*	LMSLS03ML-SLSMR-PN ⑩*
	Stainless	UL20233, PUR Jacket	LM12L03FL-12LMR-SH ⑩*	LM12L03ML-12LMR-PH ⑩*
	Stainless	UL20549, High Flex / Bending PUR	LM12L03FL-12LMR-SN ⑩*	LM12L03ML-SLPMR-PN ⑩*
	Shielded	UL20233, PUR Jacket	LSMSLS03FL-SLSMR-SH ⑩*	LSMSLS03ML-SLSMR-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	LSMSLS03FL-SLSMR-SN ⑩*	LSMSLS03ML-SLSMR-PN ⑩*

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM 	All Plastic	UL20233, PUR Jacket	-	-
	Metal Nut	UL20549, High Flex / Bending PUR	-	-
FF 	All Plastic	UL20233, PUR Jacket	-	LM12L03MR-12LMR-PH ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	-	LM12L03MR-SLPMR-PN ⑩*
MF 	Shielded	UL20233, PUR Jacket	-	LMSLS03MR-SLSMR-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	-	LMSLS03MR-SLSMR-PN ⑩*
	Stainless	UL20233, PUR Jacket	-	LM12L03MR-12LMR-PH ⑩*
	Stainless	UL20549, High Flex / Bending PUR	-	LM12L03MR-SLPMR-PN ⑩*
	Shielded	UL20233, PUR Jacket	-	LSMSLS03MR-SLSMR-PH ⑩*
	Shielded	UL20549, High Flex / Bending PUR	-	LSMSLS03MR-SLSMR-PN ⑩*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (LED)		3 (2+FE) (LED)		
L	L			
63V	63V			
12A	16A			
FF	Male Power / Female Ground	MF	FM	MPronto-12 (M/M)
				
LMSLP03FL-SLPFL-SH 	LMSLP03EL-SPEL-SH 	LMSLP03EL-SLPDL-SH 	-	-
LMSLP03FL-SLPFL-SN 	LMSLP03EL-SPEL-SN 	LMSLP03EL-SLPDL-SN 	-	-
LM12L03FL-12LFL-SH 	LM12L03EL-12LEL-SH 	LM12L03EL-12LDL-SH 	-	LM12L03EL-12LEL-PH 
LM12L03FL-12LFL-SN 	LM12L03EL-12LEL-SN 	LM12L03EL-12LDL-SN 	-	LM12L03EL-SPEL-PN 
LMSLS03FL-SLSFL-SH 	LMSLS03EL-SSEL-SH 	LMSLS03EL-SLSDL-SH 	-	LMSLS03EL-SSEL-PH 
LMSLS03FL-SLSFL-SN 	LMSLS03EL-SSEL-SN 	LMSLS03EL-SLSDL-SN 	-	LMSLS03EL-SSEL-PN 
LM12L03FL-12LFL-SH 	LM12L03EL-12LEL-SH 	LM12L03EL-12LDL-SH 	-	LM12L03EL-12LEL-PH 
LM12L03FL-12LFL-SN 	LM12L03EL-12LEL-SN 	LM12L03EL-12LDL-SN 	-	LM12L03EL-SPEL-PN 
LSMSLS03FL-SLSFL-SH 	LSMSLS03EL-SSEL-SH 	LSMSLS03EL-SLSDL-SH 	-	LSMSLS03EL-SSEL-PH 
LSMSLS03FL-SLSFL-SN 	LSMSLS03EL-SSEL-SN 	LSMSLS03EL-SLSDL-SN 	-	LSMSLS03EL-SSEL-PN 
LMSLP03FL-SLPFR-SH 	LMSLP03EL-SLPER-SH 	LMSLP03EL-SLPDR-SH 	LMSLP03DL-SLPER-SH 	
LMSLP03FL-SLPFR-SN 	LMSLP03EL-SLPER-SN 	LMSLP03EL-SLPDR-SN 	LMSLP03DL-SLPER-SN 	
LM12L03FL-12LFR-SH 	LM12L03EL-12LER-SH 	LM12L03EL-12LDR-SH 	LM12L03DL-12LER-SH 	LM12L03EL-12LER-PH 
LM12L03FL-12LFR-SN 	LM12L03EL-12LER-SN 	LM12L03EL-12LDR-SN 	LM12L03DL-12LER-SN 	LM12L03EL-SLPER-PN 
LMSLS03FL-SLSFR-SH 	LMSLS03EL-SLSER-SH 	LMSLS03EL-SLSDR-SH 	LMSLS03DL-SLSER-SH 	LMSLS03EL-SLSER-PH 
LMSLS03FL-SLSFR-SN 	LMSLS03EL-SLSER-SN 	LMSLS03EL-SLSDR-SN 	LMSLS03DL-SLSER-SN 	LMSLS03EL-SLSER-PN 
LM12L03FL-12LFR-SH 	LM12L03EL-12LER-SH 	LM12L03EL-12LDR-SH 	LM12L03DL-12LER-SH 	LM12L03EL-12LER-PH 
LM12L03FL-12LFR-SN 	LM12L03EL-12LER-SN 	LM12L03EL-12LDR-SN 	LM12L03DL-12LER-SN 	LM12L03EL-SLPER-PN 
LSMSLS03FL-SLSFR-SH 	LSMSLS03EL-SLSER-SH 	LSMSLS03EL-SLSDR-SH 	LSMSLS03DL-SLSER-SH 	LSMSLS03EL-SLSER-PH 
LSMSLS03FL-SLSFR-SN 	LSMSLS03EL-SLSER-SN 	LSMSLS03EL-SLSDR-SN 	LSMSLS03DL-SLSER-SN 	LSMSLS03EL-SLSER-PN 
LMSLP03FR-SLPFR-SH 	LMSLP03ER-SLPER-SH 	LMSLP03ER-SLPDR-SH 	-	-
LMSLP03FR-SLPFR-SN 	LMSLP03ER-SLPER-SN 	LMSLP03ER-SLPDR-SN 	-	-
LM12L03FR-12LFR-SH 	LM12L03ER-12LER-SH 	LM12L03ER-12LDR-SH 	-	LM12L03ER-12LER-PH 
LM12L03FR-12LFR-SN 	LM12L03ER-12LER-SN 	LM12L03ER-12LDR-SN 	-	LM12L03ER-SLPER-PN 
LMSLS03FR-SLSFR-SH 	LMSLS03ER-SLSER-SH 	LMSLS03ER-SLSDR-SH 	-	LMSLS03ER-SLSER-PH 
LMSLS03FR-SLSFR-SN 	LMSLS03ER-SLSER-SN 	LMSLS03ER-SLSDR-SN 	-	LMSLS03ER-SLSER-PN 
LM12L03FR-12LFR-SH 	LM12L03ER-12LER-SH 	LM12L03ER-12LDR-SH 	-	LM12L03ER-12LER-PH 
LM12L03FR-12LFR-SN 	LM12L03ER-12LER-SN 	LM12L03ER-12LDR-SN 	-	LM12L03ER-SLPER-PN 
LSMSLS03FR-SLSFR-SH 	LSMSLS03ER-SLSER-SH 	LSMSLS03ER-SLSDR-SH 	-	LSMSLS03ER-SLSER-PH 
LSMSLS03FR-SLSFR-SN 	LSMSLS03ER-SLSER-SN 	LSMSLS03ER-SLSDR-SN 	-	LSMSLS03ER-SLSER-PN 

Number of Contacts	1) ———— 2) ———— 4) ———— 3) ———— 5) ———— Green Orange Orange	3 (2+FE) (LED)	3 (2+PE) (LED)
Coding		L	S
Rated Voltage (AC/DC)		63V	630V
Nominal current		16A	12A
Connector/Contact Gender		Female Power / Male Ground	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾

	All Plastic	UL2586, PVC Jacket	-	LMSSP03ML-SSPML-SG 10 *
		UL20233, PUR Jacket	LMSLP03DL-SLPDL-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP03DL-SLPDL-SN 10 *	LMSSP03ML-SSPML-SN 10 *
	Metal Nut	UL2586, PVC Jacket	-	LM12S03ML-12SML-SG 10 *
		UL20233, PUR Jacket	LM12L03DL-12LDL-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DL-12LDL-SN 10 *	LM12S03ML-12SML-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSSS03ML-SSSML-SG 10 *
		UL20233, PUR Jacket	LMSLS03DL-SLSDL-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLS03DL-SLSDL-SN 10 *	LMSSS03ML-SSSML-SN 10 *
	Stainless	UL2586, PVC Jacket	-	LSM12S03ML-12SML-SG 10 *
		UL20233, PUR Jacket	LM12L03DL-12LDL-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DL-12LDL-SN 10 *	LSM12S03ML-12SML-SN 10 *
	Stainless Shielded	UL2586, PVC Jacket	-	LSMSSS03ML-SSSML-SG 10 *
		UL20233, PUR Jacket	LSMLS03DL-SLSDL-SH 10 *	-
		UL20549, High Flex / Bending PUR	LSMLS03DL-SLSDL-SN 10 *	LSMSSS03ML-SSSML-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾

	All Plastic	UL2586, PVC Jacket	-	LMSSP03ML-SSPMR-SG 10 *
		UL20233, PUR Jacket	LMSLP03DL-SLPDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP03DL-SLPDR-SN 10 *	LMSSP03ML-SSPMR-SN 10 *
	Metal Nut	UL2586, PVC Jacket	-	LM12S03ML-12SMR-SG 10 *
		UL20233, PUR Jacket	LM12L03DL-12LDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DL-12LDR-SN 10 *	LM12S03ML-12SMR-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSSS03ML-SSSMR-SG 10 *
		UL20233, PUR Jacket	LMSLS03DL-SLSDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLS03DL-SLSDR-SN 10 *	LMSSS03ML-SSSMR-SN 10 *
	Stainless	UL2586, PVC Jacket	-	LSM12S03ML-12SMR-SG 10 *
		UL20233, PUR Jacket	LM12L03DL-12LDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DL-12LDR-SN 10 *	LSM12S03ML-12SMR-SN 10 *
	Stainless Shielded	UL2586, PVC Jacket	-	LSMSSS03ML-SSSMR-SG 10 *
		UL20233, PUR Jacket	LSMLS03DL-SLSDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LSMLS03DL-SLSDR-SN 10 *	LSMSSS03ML-SSSMR-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾

	All Plastic	UL2586, PVC Jacket	-	LMSSP03MR-SSPMR-SG 10 *
		UL20233, PUR Jacket	LMSLP03DR-SLPDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP03DR-SLPDR-SN 10 *	LMSSP03MR-SSPMR-SN 10 *
	Metal Nut	UL2586, PVC Jacket	-	LM12S03MR-12SMR-SG 10 *
		UL20233, PUR Jacket	LM12L03DR-12LDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DR-12LDR-SN 10 *	LM12S03MR-12SMR-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSSS03MR-SSSMR-SG 10 *
		UL20233, PUR Jacket	LMSLS03DR-SLSDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLS03DR-SLSDR-SN 10 *	LMSSS03MR-SSSMR-SN 10 *
	Stainless	UL2586, PVC Jacket	-	LSM12S03MR-12SMR-SG 10 *
		UL20233, PUR Jacket	LM12L03DR-12LDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LM12L03DR-12LDR-SN 10 *	LSM12S03MR-12SMR-SN 10 *
	Stainless Shielded	UL2586, PVC Jacket	-	LSMSSS03MR-SSSMR-SG 10 *
		UL20233, PUR Jacket	LSMLS03DR-SLSDR-SH 10 *	-
		UL20549, High Flex / Bending PUR	LSMLS03DR-SLSDR-SN 10 *	LSMSSS03MR-SSSMR-SN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE) (LED)				3 (LED)
S				T
630V				63V
12A				12A
MF	FM	MPronto-12 (M/M)	FF	MM
				
-	-	-	LMSSP03FL-SSPFL-SG 10 *	-
-	-	-	-	LMSTP03ML-STPML-SH 10 *
LMSSP03ML-SSPFL-SN 10 *	-	-	LMSSP03FL-SSPFL-SN 10 *	LMSTP03ML-STPML-SN 10 *
-	-	LM12S03ML-12SML-PG 10 *	LM12S03FL-12SFL-SG 10 *	-
-	-	-	-	LM12T03ML-12TML-SH 10 *
LM12S03ML-12SFL-SN 10 *	-	LM12S03ML-SSPML-PN 10 *	LM12S03FL-12SFL-SN 10 *	LM12T03ML-12TML-SN 10 *
-	-	LMSSS03ML-SSSML-PG 10 *	LMSSS03FL-SSSFL-SG 10 *	-
-	-	-	-	LMSTS03ML-STSMML-SH 10 *
LMSSS03ML-SSSFL-SN 10 *	-	LMSSS03ML-SSSML-PN 10 *	LMSSS03FL-SSSFL-SN 10 *	LMSTS03ML-STSMML-SN 10 *
-	-	LSM12S03ML-12SML-PG 10 *	LSM12S03FL-12SFL-SG 10 *	-
-	-	-	-	LSM12T03ML-12TML-SH 10 *
LSM12S03ML-12SFL-SN 10 *	-	LSM12S03ML-SSPML-PN 10 *	LSM12S03FL-12SFL-SN 10 *	LSM12T03ML-12TML-SN 10 *
-	-	LSMSSS03ML-SSSML-PG 10 *	LSMSSS03FL-SSSFL-SG 10 *	-
-	-	-	-	LSMSTS03ML-STSMML-SH 10 *
LSMSSS03ML-SSSFL-SN 10 *	-	LSMSSS03ML-SSSML-PN 10 *	LSMSSS03FL-SSSFL-SN 10 *	LSMSTS03ML-STSMML-SN 10 *
-	-	-	LMSSP03FL-SSPFR-SG 10 *	-
-	-	-	-	LMSTP03ML-STPMR-SH 10 *
LMSSP03ML-SSPFR-SN 10 *	LMSSP03FL-SSPFR-SN 10 *	-	LMSSP03FL-SSPFR-SN 10 *	LMSTP03ML-STPMR-SN 10 *
-	-	LM12S03ML-12SMR-PG 10 *	LM12S03FL-12SFR-SG 10 *	-
-	-	-	-	LM12T03ML-12TMR-SH 10 *
LM12S03ML-12SFR-SN 10 *	LM12S03FL-12SMR-SN 10 *	LM12S03ML-SSPFR-PN 10 *	LM12S03FL-12SFR-SN 10 *	LM12T03ML-12TMR-SN 10 *
-	-	LMSSS03ML-SSSMR-PG 10 *	LMSSS03FL-SSSFR-SG 10 *	-
-	-	-	-	LMSTS03ML-STSMR-SH 10 *
LMSSS03ML-SSSFR-SN 10 *	LMSSS03FL-SSSMR-SN 10 *	LMSSS03ML-SSSMR-PN 10 *	LMSSS03FL-SSSFR-SN 10 *	LMSTS03ML-STSMR-SN 10 *
-	-	LSM12S03ML-12SMR-PG 10 *	LSM12S03FL-12SFR-SG 10 *	-
-	-	-	-	LSM12T03ML-12TMR-SH 10 *
LSM12S03ML-12SFR-SN 10 *	LSM12S03FL-12SMR-SN 10 *	LSM12S03ML-SSPFR-PN 10 *	LSM12S03FL-12SFR-SN 10 *	LSM12T03ML-12TMR-SN 10 *
-	-	LSMSSS03ML-SSSMR-PG 10 *	LSMSSS03FL-SSSFR-SG 10 *	-
-	-	-	-	LSMSTS03ML-STSMR-SH 10 *
LSMSSS03ML-SSSFR-SN 10 *	LSMSSS03FL-SSSMR-SN 10 *	LSMSSS03ML-SSSMR-PN 10 *	LSMSSS03FL-SSSFR-SN 10 *	LSMSTS03ML-STSMR-SN 10 *
-	-	-	LMSSP03FR-SSPFR-SG 10 *	-
-	-	-	-	LMSTP03MR-STPMR-SH 10 *
LMSSP03MR-SSPFR-SN 10 *	-	-	LMSSP03FR-SSPFR-SN 10 *	LMSTP03MR-STPMR-SN 10 *
-	-	LM12S03MR-12SMR-PG 10 *	LM12S03FR-12SFR-SG 10 *	-
-	-	-	-	LM12T03MR-12TMR-SH 10 *
LM12S03MR-12SFR-SN 10 *	-	LM12S03MR-SSPFR-PN 10 *	LM12S03FR-12SFR-SN 10 *	LM12T03MR-12TMR-SN 10 *
-	-	LMSSS03MR-SSSMR-PG 10 *	LMSSS03FR-SSSFR-SG 10 *	-
-	-	-	-	LMSTS03MR-STSMR-SH 10 *
LMSSS03MR-SSSFR-SN 10 *	-	LMSSS03MR-SSSMR-PN 10 *	LMSSS03FR-SSSFR-SN 10 *	LMSTS03MR-STSMR-SN 10 *
-	-	LSM12S03MR-12SMR-PG 10 *	LSM12S03FR-12SFR-SG 10 *	-
-	-	-	-	LSM12T03MR-12TMR-SH 10 *
LSM12S03MR-12SFR-SN 10 *	-	LSM12S03MR-SSPFR-PN 10 *	LSM12S03FR-12SFR-SN 10 *	LSM12T03MR-12TMR-SN 10 *
-	-	LSMSSS03MR-SSSMR-PG 10 *	LSMSSS03FR-SSSFR-SG 10 *	-
-	-	-	-	LSMSTS03MR-STSMR-SH 10 *
LSMSSS03MR-SSSFR-SN 10 *	-	LSMSSS03MR-SSSMR-PN 10 *	LSMSSS03FR-SSSFR-SN 10 *	LSMSTS03MR-STSMR-SN 10 *

Number of Contacts	1) 2) 4) 3) 5) Green Orange Orange	3 (LED)	
Coding		T	
Rated Voltage (AC/DC)		63V	
Nominal current		12A	
Connector/Contact Gender		MF	FM
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⁽¹⁰⁾ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL20233, PUR Jacket	LMSTP03ML-STPFL-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTP03ML-STPFL-SN ^{(10)*}	-
	Metal Nut	UL20233, PUR Jacket	LM12T03ML-12TFL-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12T03ML-12TFL-SN ^{(10)*}	-
	Shielded	UL20233, PUR Jacket	LMSTS03ML-STSFSL-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTS03ML-STSFSL-SN ^{(10)*}	-
	Stainless	UL20233, PUR Jacket	LSM12T03ML-12TFL-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12T03ML-12TFL-SN ^{(10)*}	-
	Stainless Shielded	UL20233, PUR Jacket	LSMSTS03ML-STSFSL-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSTS03ML-STSFSL-SN ^{(10)*}	-

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⁽¹⁰⁾ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾ **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	LMSTP03ML-STPFR-SH ^{(10)*}	LMSTP03FL-STPMR-SH ^{(10)*}
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTP03ML-STPFR-SN ^{(10)*}	LMSTP03FL-STPMR-SN ^{(10)*}
	Metal Nut	UL20233, PUR Jacket	LM12T03ML-12TFR-SH ^{(10)*}	LM12T03FL-12TMR-SH ^{(10)*}
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12T03ML-12TFR-SN ^{(10)*}	LM12T03FL-12TMR-SN ^{(10)*}
	Shielded	UL20233, PUR Jacket	LMSTS03ML-STSFR-SH ^{(10)*}	LMSTS03FL-STSMR-SH ^{(10)*}
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTS03ML-STSFR-SN ^{(10)*}	LMSTS03FL-STSMR-SN ^{(10)*}
	Stainless	UL20233, PUR Jacket	LSM12T03ML-12TFR-SH ^{(10)*}	LSM12T03FL-12TMR-SH ^{(10)*}
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12T03ML-12TFR-SN ^{(10)*}	LSM12T03FL-12TMR-SN ^{(10)*}
	Stainless Shielded	UL20233, PUR Jacket	LSMSTS03ML-STSFR-SH ^{(10)*}	LSMSTS03FL-STSMR-SH ^{(10)*}
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSTS03ML-STSFR-SN ^{(10)*}	LSMSTS03FL-STSMR-SN ^{(10)*}

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

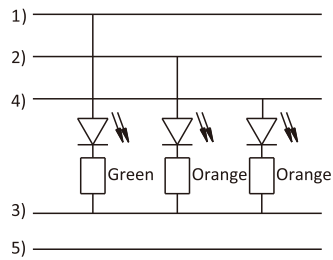
⁽¹⁰⁾ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL20233, PUR Jacket	LMSTP03MR-STPFR-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTP03MR-STPFR-SN ^{(10)*}	-
	Metal Nut	UL20233, PUR Jacket	LM12T03MR-12TFR-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LM12T03MR-12TFR-SN ^{(10)*}	-
	Shielded	UL20233, PUR Jacket	LMSTS03MR-STSFR-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LMSTS03MR-STSFR-SN ^{(10)*}	-
	Stainless	UL20233, PUR Jacket	LSM12T03MR-12TFR-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSM12T03MR-12TFR-SN ^{(10)*}	-
	Stainless Shielded	UL20233, PUR Jacket	LSMSTS03MR-STSFR-SH ^{(10)*}	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	LSMSTS03MR-STSFR-SN ^{(10)*}	-

* Upon Request

⁽¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (LED)		4 (3+PE) (LED)		
T		K		
63V		630V		
12A		16A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	LMSTP03FL-STPFL-SH ¹⁰ *	-	-	-
-	-	LMSKP04EL-SKPEL-SS ¹⁰ *	LMSKP04EL-SKPD ^L -SS ¹⁰ *	-
-	LMSTP03FL-STPFL-SN ¹⁰ *	LMSKP04EL-SKPEL-SN ¹⁰ *	LMSKP04EL-SKPD ^L -SN ¹⁰ *	-
LM12T03ML-12TML-PH ¹⁰ *	LM12T03FL-12TFL-SH ¹⁰ *	-	-	-
-	-	LM12K04EL-12KEL-SS ¹⁰ *	LM12K04EL-12KD ^L -SS ¹⁰ *	-
LM12T03ML-STPML-PN ¹⁰ *	LM12T03FL-12TFL-SN ¹⁰ *	LM12K04EL-12KEL-SN ¹⁰ *	LM12K04EL-12KD ^L -SN ¹⁰ *	-
LMSTS03ML-STSM ^L -PH ¹⁰ *	LMSTS03FL-STSF ^L -SH ¹⁰ *	-	-	-
-	-	LMSKS04EL-SKSEL-SS ¹⁰ *	LMSKS04EL-SKS ^D ^L -SS ¹⁰ *	-
LMSTS03ML-STSM ^L -PN ¹⁰ *	LMSTS03FL-STSF ^L -SN ¹⁰ *	LMSKS04EL-SKSEL-SN ¹⁰ *	LMSKS04EL-SKS ^D ^L -SN ¹⁰ *	-
LSM12T03ML-12TML-PH ¹⁰ *	LSM12T03FL-12TFL-SH ¹⁰ *	-	-	-
-	-	LSM12K04EL-12KEL-SS ¹⁰ *	LSM12K04EL-12KD ^L -SS ¹⁰ *	-
LSM12T03ML-STPML-PN ¹⁰ *	LSM12T03FL-12TFL-SN ¹⁰ *	LSM12K04EL-12KEL-SN ¹⁰ *	LSM12K04EL-12KD ^L -SN ¹⁰ *	-
LSMSTS03ML-STSM ^L -PH ¹⁰ *	LSMSTS03FL-STSF ^L -SH ¹⁰ *	-	-	-
-	-	LSMSKS04EL-SKSEL-SS ¹⁰ *	LSMSKS04EL-SKS ^D ^L -SS ¹⁰ *	-
LSMSTS03ML-STSM ^L -PN ¹⁰ *	LSMSTS03FL-STSF ^L -SN ¹⁰ *	LSMSKS04EL-SKSEL-SN ¹⁰ *	LSMSKS04EL-SKS ^D ^L -SN ¹⁰ *	-
-	LMSTP03FL-STPFR-SH ¹⁰ *	-	-	-
-	-	LMSKP04EL-SKPER-SS ¹⁰ *	LMSKP04EL-SKP ^D ^R -SS ¹⁰ *	LMSKP04 ^D ^L -SKPER-SS ¹⁰ *
-	LMSTP03FL-STPFR-SN ¹⁰ *	LMSKP04EL-SKPER-SN ¹⁰ *	LMSKP04EL-SKP ^D ^R -SN ¹⁰ *	LMSKP04 ^D ^L -SKPER-SN ¹⁰ *
LM12T03ML-12TMR-PH ¹⁰ *	LM12T03FL-12TFR-SH ¹⁰ *	-	-	-
-	-	LM12K04EL-12KER-SS ¹⁰ *	LM12K04EL-12K ^D ^R -SS ¹⁰ *	LM12K04 ^D ^L -12KER-SS ¹⁰ *
LM12T03ML-STPMR-PN ¹⁰ *	LM12T03FL-12TFR-SN ¹⁰ *	LM12K04EL-12KER-SN ¹⁰ *	LM12K04EL-12K ^D ^R -SN ¹⁰ *	LM12K04 ^D ^L -12KER-SN ¹⁰ *
LMSTS03ML-STSMR-PH ¹⁰ *	LMSTS03FL-STSFR-SH ¹⁰ *	-	-	-
-	-	LMSKS04EL-SKSER-SS ¹⁰ *	LMSKS04EL-SKS ^D ^R -SS ¹⁰ *	LMSKS04 ^D ^L -SKSER-SS ¹⁰ *
LMSTS03ML-STSMR-PN ¹⁰ *	LMSTS03FL-STSFR-SN ¹⁰ *	LMSKS04EL-SKSER-SN ¹⁰ *	LMSKS04EL-SKS ^D ^R -SN ¹⁰ *	LMSKS04 ^D ^L -SKSER-SN ¹⁰ *
LSM12T03ML-12TMR-PH ¹⁰ *	LSM12T03FL-12TFR-SH ¹⁰ *	-	-	-
-	-	LSM12K04EL-12KER-SS ¹⁰ *	LSM12K04EL-12K ^D ^R -SS ¹⁰ *	LSM12K04 ^D ^L -12KER-SS ¹⁰ *
LSM12T03ML-STPMR-PN ¹⁰ *	LSM12T03FL-12TFR-SN ¹⁰ *	LSM12K04EL-12KER-SN ¹⁰ *	LSM12K04EL-12K ^D ^R -SN ¹⁰ *	LSM12K04 ^D ^L -12KER-SN ¹⁰ *
LSMSTS03ML-STSMR-PH ¹⁰ *	LSMSTS03FL-STSFR-SH ¹⁰ *	-	-	-
-	-	LSMSKS04EL-SKSER-SS ¹⁰ *	LSMSKS04EL-SKS ^D ^R -SS ¹⁰ *	LSMSKS04 ^D ^L -SKSER-SS ¹⁰ *
LSMSTS03ML-STSMR-PN ¹⁰ *	LSMSTS03FL-STSFR-SN ¹⁰ *	LSMSKS04EL-SKSER-SN ¹⁰ *	LSMSKS04EL-SKS ^D ^R -SN ¹⁰ *	LSMSKS04 ^D ^L -SKSER-SN ¹⁰ *
-	LMSTP03FR-STPFR-SH ¹⁰ *	-	-	-
-	-	LMSKP04ER-SKPER-SS ¹⁰ *	LMSKP04ER-SKP ^D ^R -SS ¹⁰ *	-
-	LMSTP03FR-STPFR-SN ¹⁰ *	LMSKP04ER-SKPER-SN ¹⁰ *	LMSKP04ER-SKP ^D ^R -SN ¹⁰ *	-
LM12T03MR-12TMR-PH ¹⁰ *	LM12T03FR-12TFR-SH ¹⁰ *	-	-	-
-	-	LM12K04ER-12KER-SS ¹⁰ *	LM12K04ER-12K ^D ^R -SS ¹⁰ *	-
LM12T03MR-STPMR-PN ¹⁰ *	LM12T03FR-12TFR-SN ¹⁰ *	LM12K04ER-12KER-SN ¹⁰ *	LM12K04ER-12K ^D ^R -SN ¹⁰ *	-
LMSTS03MR-STSMR-PH ¹⁰ *	LMSTS03FR-STSFR-SH ¹⁰ *	-	-	-
-	-	LMSKS04ER-SKSER-SS ¹⁰ *	LMSKS04ER-SKS ^D ^R -SS ¹⁰ *	-
LMSTS03MR-STSMR-PN ¹⁰ *	LMSTS03FR-STSFR-SN ¹⁰ *	LMSKS04ER-SKSER-SN ¹⁰ *	LMSKS04ER-SKS ^D ^R -SN ¹⁰ *	-
LSM12T03MR-12TMR-PH ¹⁰ *	LSM12T03FR-12TFR-SH ¹⁰ *	-	-	-
-	-	LSM12K04ER-12KER-SS ¹⁰ *	LSM12K04ER-12K ^D ^R -SS ¹⁰ *	-
LSM12T03MR-STPMR-PN ¹⁰ *	LSM12T03FR-12TFR-SN ¹⁰ *	LSM12K04ER-12KER-SN ¹⁰ *	LSM12K04ER-12K ^D ^R -SN ¹⁰ *	-
LSMSTS03MR-STSMR-PH ¹⁰ *	LSMSTS03FR-STSFR-SH ¹⁰ *	-	-	-
-	-	LSMSKS04ER-SKSER-SS ¹⁰ *	LSMSKS04ER-SKS ^D ^R -SS ¹⁰ *	-
LSMSTS03MR-STSMR-PN ¹⁰ *	LSMSTS03FR-STSFR-SN ¹⁰ *	LSMSKS04ER-SKSER-SN ¹⁰ *	LSMSKS04ER-SKS ^D ^R -SN ¹⁰ *	-



Number of Contacts	4 (3+PE) (LED)	
Coding	K	
Rated Voltage (AC/DC)	630V	
Nominal current	16A	
Connector/Contact Gender	MPronto-12 (M/M)	FF
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

K code MM FF M code MM FF MF FM	All Plastic	UL20234, PUR Jacket	-	LMSKP04DL-SKPDL-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	-	LMSKP04DL-SKPDL-SN 10 *
	Shielded	UL20234, PUR Jacket	LM12K04EL-SKPEL-PS 10 *	LM12K04DL-12KDL-SS 10 *
		UL20549, High Flex / Bending PUR	LM12K04EL-SKPEL-PN 10 *	LM12K04DL-12KDL-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04EL-SKSEL-PS 10 *	LMSKS04DL-SKSDL-SS 10 *
		UL20549, High Flex / Bending PUR	LMSKS04EL-SKSEL-PN 10 *	LMSKS04DL-SKSDL-SN 10 *
	Stainless	UL20234, PUR Jacket	LSM12K04EL-SKPEL-PS 10 *	LSM12K04DL-12KDL-SS 10 *
		UL20549, High Flex / Bending PUR	LSM12K04EL-SKPEL-PN 10 *	LSM12K04DL-12KDL-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04EL-SKSEL-PS 10 *	LMSKS04DL-SKSDL-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	LMSKS04EL-SKSEL-PN 10 *	LMSKS04DL-SKSDL-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

K code MM FF M code MM FF MF FM	All Plastic	UL20234, PUR Jacket	-	LMSKP04DL-SKPDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	-	LMSKP04DL-SKPDR-SN 10 *
	Shielded	UL20234, PUR Jacket	LM12K04EL-12KER-PS 10 *	LM12K04DL-12KDR-SS 10 *
		UL20549, High Flex / Bending PUR	LM12K04EL-SKPER-PN 10 *	LM12K04DL-12KDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04EL-SKSER-PS 10 *	LMSKS04DL-SKSDR-SS 10 *
		UL20549, High Flex / Bending PUR	LMSKS04EL-SKSER-PN 10 *	LMSKS04DL-SKSDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LSM12K04EL-12KER-PS 10 *	LSM12K04DL-12KDR-SS 10 *
		UL20549, High Flex / Bending PUR	LSM12K04EL-SKPER-PN 10 *	LSM12K04DL-12KDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04EL-SKSER-PS 10 *	LMSKS04DL-SKSDR-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	LMSKS04EL-SKSER-PN 10 *	LMSKS04DL-SKSDR-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

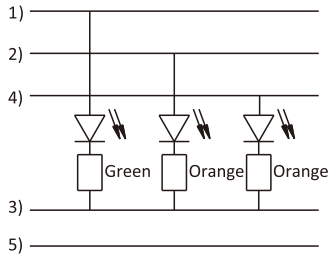
10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

K code MM FF M code MM FF MF FM	All Plastic	UL20234, PUR Jacket	-	LMSKP04DR-SKPDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	-	LMSKP04DR-SKPDR-SN 10 *
	Shielded	UL20234, PUR Jacket	LM12K04ER-12KER-PS 10 *	LM12K04DR-12KDR-SS 10 *
		UL20549, High Flex / Bending PUR	LM12K04ER-SKPER-PN 10 *	LM12K04DR-12KDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04ER-SKSER-PS 10 *	LMSKS04DR-SKSDR-SS 10 *
		UL20549, High Flex / Bending PUR	LMSKS04ER-SKSER-PN 10 *	LMSKS04DR-SKSDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LSM12K04ER-SKPER-PS 10 *	LSM12K04DR-12KDR-SS 10 *
		UL20549, High Flex / Bending PUR	LSM12K04ER-SKPER-PN 10 *	LSM12K04DR-12KDR-SN 10 *
	Stainless	UL20234, PUR Jacket	LMSKS04ER-SKSER-PS 10 *	LMSKS04DR-SKSDR-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	LMSKS04ER-SKSER-PN 10 *	LMSKS04DR-SKSDR-SN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (3+PE) (LED)				
M				
630V				
8A				
Male Power / Female Ground	MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
				
LMSMP04EL-SMPEL-SS 	LMSMP04EL-SMPDL-SS 	-	-	LMSMP04DL-SMPDL-SS 
LMSMP04EL-SMPEL-SN 	LMSMP04EL-SMPDL-SN 	-	-	LMSMP04DL-SMPDL-SN 
LM12M04EL-12MEL-SS 	LM12M04EL-12MDL-SS 	-	LM12M04EL-SMPEL-PS 	LM12M04DL-12MDL-SS 
LM12M04EL-12MEL-SN 	LM12M04EL-12MDL-SN 	-	LM12M04EL-SMPEL-PN 	LM12M04DL-12MDL-SN 
LMSMS04EL-SMSEL-SS 	LMSMS04EL-SMSDL-SS 	-	LMSMS04EL-SMSEL-PS 	LMSMS04DL-SMSDL-SS 
LMSMS04EL-SMSEL-SN 	LMSMS04EL-SMSDL-SN 	-	LMSMS04EL-SMSEL-PN 	LMSMS04DL-SMSDL-SN 
LSM12M04EL-12MEL-SS 	LSM12M04EL-12MDL-SS 	-	LSM12M04EL-SMPEL-PS 	LSM12M04DL-12MDL-SS 
LSM12M04EL-12MEL-SN 	LSM12M04EL-12MDL-SN 	-	LSM12M04EL-SMPEL-PN 	LSM12M04DL-12MDL-SN 
LSMSMS04EL-SMSEL-SS 	LSMSMS04EL-SMSDL-SS 	-	LSMSMS04EL-SMSEL-PS 	LSMSMS04DL-SMSDL-SS 
LSMSMS04EL-SMSEL-SN 	LSMSMS04EL-SMSDL-SN 	-	LSMSMS04EL-SMSEL-PN 	LSMSMS04DL-SMSDL-SN 
LMSMP04EL-SMPER-SS 	LMSMP04EL-SMPDR-SS 	LMSMP04DL-SMPER-SS 	-	LMSMP04DL-SMPDR-SS 
LMSMP04EL-SMPER-SN 	LMSMP04EL-SMPDR-SN 	LMSMP04DL-SMPER-SN 	-	LMSMP04DL-SMPDR-SN 
LM12M04EL-12MER-SS 	LM12M04EL-12MDR-SS 	LM12M04DL-12MER-SS 	LM12M04EL-12MER-PS 	LM12M04DL-12MDR-SS 
LM12M04EL-12MER-SN 	LM12M04EL-12MDR-SN 	LM12M04DL-12MER-SN 	LM12M04EL-SMPER-PN 	LM12M04DL-12MDR-SN 
LM12M04EL-12MER-SS 	LMSMS04EL-SMSDR-SS 	LMSMS04DL-SMSER-SS 	LM12M04EL-12MER-PS 	LM12M04DL-12MDR-SS 
LMSMS04EL-SMSER-SN 	LMSMS04EL-SMSDR-SN 	LMSMS04DL-SMSER-SN 	LMSMS04EL-SMSER-PN 	LMSMS04DL-SMSDR-SN 
LSM12M04EL-12MER-SS 	LSM12M04EL-12MDR-SS 	LSM12M04DL-12MER-SS 	LSM12M04EL-12MER-PS 	LSM12M04DL-12MDR-SS 
LSM12M04EL-12MER-SN 	LSM12M04EL-12MDR-SN 	LSM12M04DL-12MER-SN 	LSM12M04EL-SMPER-PN 	LSM12M04DL-12MDR-SN 
LSMSMS04EL-SMSER-SS 	LSMSMS04EL-SMSDR-SS 	LSMSMS04DL-SMSER-SS 	LSMSMS04EL-SMSER-PS 	LSMSMS04DL-SMSDR-SS 
LSMSMS04EL-SMSER-SN 	LSMSMS04EL-SMSDR-SN 	LSMSMS04DL-SMSER-SN 	LSMSMS04EL-SMSER-PN 	LSMSMS04DL-SMSDR-SN 
LMSMP04ER-SMPER-SS 	LMSMP04ER-SMPDR-SS 	-	-	LMSMP04DR-SMPDR-SS 
LMSMP04ER-SMPER-SN 	LMSMP04ER-SMPDR-SN 	-	-	LMSMP04DR-SMPDR-SN 
LM12M04ER-12MER-SS 	LM12M04ER-12MDR-SS 	-	LM12M04ER-12MER-PS 	LM12M04DR-12MDR-SS 
LM12M04ER-12MER-SN 	LM12M04ER-12MDR-SN 	-	LM12M04ER-SMPER-PN 	LM12M04DR-12MDR-SN 
LMSMS04ER-SMSER-SS 	LMSMS04ER-SMSDR-SS 	-	LMSMS04ER-SMSER-PS 	LMSMS04DR-SMSDR-SS 
LMSMS04ER-SMSER-SN 	LMSMS04ER-SMSDR-SN 	-	LMSMS04ER-SMSER-PN 	LMSMS04DR-SMSDR-SN 
LSM12M04ER-12MER-SS 	LSM12M04ER-12MDR-SS 	-	LSM12M04ER-SMPER-PS 	LSM12M04DR-12MDR-SS 
LSM12M04ER-12MER-SN 	LSM12M04ER-12MDR-SN 	-	LSM12M04ER-SMPER-PN 	LSM12M04DR-12MDR-SN 
LSMSMS04ER-SMSER-SS 	LSMSMS04ER-SMSDR-SS 	-	LSMSMS04ER-SMSER-PS 	LSMSMS04DR-SMSDR-SS 
LSMSMS04ER-SMSER-SN 	LSMSMS04ER-SMSDR-SN 	-	LSMSMS04ER-SMSER-PN 	LSMSMS04DR-SMSDR-SN 



Number of Contacts	4 (LED)	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Connector/Contact Gender	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

MM		All Plastic	UL20233, PUR Jacket	LMSLP04ML-SLPML-SH ⑩*	LMSLP04ML-SLPFL-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LMSLP04ML-SLPML-SN ⑩*	LMSLP04ML-SLPFL-SN ⑩*
FF		All Plastic	UL20233, PUR Jacket	LM12L04ML-12LML-SH ⑩*	LM12L04ML-12LFL-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LM12L04ML-12LML-SN ⑩*	LM12L04ML-12LFL-SN ⑩*
MF		Shielded	UL20233, PUR Jacket	LMSLS04ML-SLSML-SH ⑩*	LMSLS04ML-SLSFL-SH ⑩*
			UL20549, High Flex / Bending PUR	LMSLS04ML-SLSML-SN ⑩*	LMSLS04ML-SLSFL-SN ⑩*
		Stainless	UL20233, PUR Jacket	LM12L04ML-12LML-SH ⑩*	LM12L04ML-12LFL-SH ⑩*
			UL20549, High Flex / Bending PUR	LM12L04ML-12LML-SN ⑩*	LM12L04ML-12LFL-SN ⑩*
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS04ML-SLSML-SH ⑩*	LSMSLS04ML-SLSFL-SH ⑩*
			UL20549, High Flex / Bending PUR	LSMSLS04ML-SLSML-SN ⑩*	LSMSLS04ML-SLSFL-SN ⑩*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

MM		All Plastic	UL20233, PUR Jacket	LMSLP04ML-SLPMR-SH ⑩*	LMSLP04ML-SLPFR-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LMSLP04ML-SLPMR-SN ⑩*	LMSLP04ML-SLPFR-SN ⑩*
FF		All Plastic	UL20233, PUR Jacket	LM12L04ML-12LMR-SH ⑩*	LM12L04ML-12LFR-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LM12L04ML-12LMR-SN ⑩*	LM12L04ML-12LFR-SN ⑩*
MF		Shielded	UL20233, PUR Jacket	LMSLS04ML-SLSMR-SH ⑩*	LMSLS04ML-SLSFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LMSLS04ML-SLSMR-SN ⑩*	LMSLS04ML-SLSFR-SN ⑩*
		Stainless	UL20233, PUR Jacket	LM12L04ML-12LMR-SH ⑩*	LM12L04ML-12LFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LM12L04ML-12LMR-SN ⑩*	LM12L04ML-12LFR-SN ⑩*
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS04ML-SLSMR-SH ⑩*	LSMSLS04ML-SLSFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LSMSLS04ML-SLSMR-SN ⑩*	LSMSLS04ML-SLSFR-SN ⑩*

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

MM		All Plastic	UL20233, PUR Jacket	LMSLP04MR-SLPMR-SH ⑩*	LMSLP04MR-SLPFR-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LMSLP04MR-SLPMR-SN ⑩*	LMSLP04MR-SLPFR-SN ⑩*
FF		All Plastic	UL20233, PUR Jacket	LM12L04MR-12LMR-SH ⑩*	LM12L04MR-12LFR-SH ⑩*
		Metal Nut	UL20549, High Flex / Bending PUR	LM12L04MR-12LMR-SN ⑩*	LM12L04MR-12LFR-SN ⑩*
MF		Shielded	UL20233, PUR Jacket	LMSLS04MR-SLSMR-SH ⑩*	LMSLS04MR-SLSFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LMSLS04MR-SLSMR-SN ⑩*	LMSLS04MR-SLSFR-SN ⑩*
		Stainless	UL20233, PUR Jacket	LM12L04MR-12LMR-SH ⑩*	LM12L04MR-12LFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LM12L04MR-12LMR-SN ⑩*	LM12L04MR-12LFR-SN ⑩*
		Stainless Shielded	UL20233, PUR Jacket	LSMSLS04MR-SLSMR-SH ⑩*	LSMSLS04MR-SLSFR-SH ⑩*
			UL20549, High Flex / Bending PUR	LSMSLS04MR-SLSMR-SN ⑩*	LSMSLS04MR-SLSFR-SN ⑩*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (LED)			4 (3+FE) (LED)	
L			L	
63V			63V	
16A			16A	
FM	MPronto-12 (M/M)	FF	Male Power / Female Ground	MF
				
-	-	LMSLP04FL-SLPFL-SH  *	LMSLP04EL-SLPEL-SH  *	LMSLP04EL-SLPDL-SH  *
-	-	LMSLP04FL-SLPFL-SN  *	LMSLP04EL-SLPEL-SN  *	LMSLP04EL-SLPDL-SN  *
-	LM12L04ML-12LML-PH  *	LM12L04FL-12LFL-SH  *	LM12L04EL-12LEL-SH  *	LM12L04EL-12LDL-SH  *
-	LM12L04ML-SLPM-L-PN  *	LM12L04FL-12LFL-SN  *	LM12L04EL-12LEL-SN  *	LM12L04EL-12LDL-SN  *
-	LMSLS04ML-SLSML-PH  *	LMSLS04FL-SLSFL-SH  *	LMSLS04EL-SLSEL-SH  *	LMSLS04EL-SLSDL-SH  *
-	LMSLS04ML-SLSML-PN  *	LMSLS04FL-SLSFL-SN  *	LMSLS04EL-SLSEL-SN  *	LMSLS04EL-SLSDL-SN  *
-	LM12L04ML-12LML-PH  *	LM12L04FL-12LFL-SH  *	LM12L04EL-12LEL-SH  *	LM12L04EL-12LDL-SH  *
-	LM12L04ML-SLPM-L-PN  *	LM12L04FL-12LFL-SN  *	LM12L04EL-12LEL-SN  *	LM12L04EL-12LDL-SN  *
-	LSMSLS04ML-SLSML-PH  *	LSMSLS04FL-SLSFL-SH  *	LSMSLS04EL-SLSEL-S  *	LSMSLS04EL-SLSDL-SH  *
-	LSMSLS04ML-SLSML-PN  *	LSMSLS04FL-SLSFL-SN  *	LSMSLS04EL-SLSEL-SN  *	LSMSLS04EL-SLSDL-SN  *
LMSLP04FL-SLPMR-SH  *	-	LMSLP04FL-SLPFR-SH  *	LMSLP04EL-SLPER-SH  *	LMSLP04EL-SLPDR-SH  *
LMSLP04FL-SLPMR-SN  *	-	LMSLP04FL-SLPFR-SN  *	LMSLP04EL-SLPER-SN  *	LMSLP04EL-SLPDR-SN  *
LM12L04FL-12LMR-SH  *	LM12L04ML-12LMR-PH  *	LM12L04FL-12LFR-SH  *	LM12L04EL-12LER-SH  *	LM12L04EL-12LDR-SH  *
LM12L04FL-12LMR-SN  *	LM12L04ML-SLPMR-PN  *	LM12L04FL-12LFR-SN  *	LM12L04EL-12LER-SN  *	LM12L04EL-12LDR-SN  *
LMSLS04FL-SLSMR-SH  *	LMSLS04ML-SLSMR-PH  *	LMSLS04FL-SLSFR-SH  *	LMSLS04EL-SLSER-SH  *	LMSLS04EL-SLSDR-SH  *
LMSLS04FL-SLSMR-SN  *	LMSLS04ML-SLSMR-PN  *	LMSLS04FL-SLSFR-SN  *	LMSLS04EL-SLSER-SN  *	LMSLS04EL-SLSDR-SN  *
LM12L04FL-12LMR-SH  *	LM12L04ML-12LMR-PH  *	LM12L04FL-12LFR-SH  *	LM12L04EL-12LER-SH  *	LM12L04EL-12LDR-SH  *
LM12L04FL-12LMR-SN  *	LM12L04ML-SLPMR-PN  *	LM12L04FL-12LFR-SN  *	LM12L04EL-12LER-SN  *	LM12L04EL-12LDR-SN  *
LSMSLS04FL-SLSMR-SH  *	LSMSLS04ML-SLSMR-PH  *	LSMSLS04FL-SLSFR-SH  *	LSMSLS04EL-SLSER-SH  *	LSMSLS04EL-SLSDR-SH  *
LSMSLS04FL-SLSMR-SN  *	LSMSLS04ML-SLSMR-PN  *	LSMSLS04FL-SLSFR-SN  *	LSMSLS04EL-SLSER-SN  *	LSMSLS04EL-SLSDR-SN  *
-	-	LMSLP04FR-SLPFR-SH  *	LMSLP04ER-SLPER-SH  *	LMSLP04ER-SLPDR-SH  *
-	-	LMSLP04FR-SLPFR-SN  *	LMSLP04ER-SLPER-SN  *	LMSLP04ER-SLPDR-SN  *
-	LM12L04MR-12LMR-PH  *	LM12L04FR-12LFR-SH  *	LM12L04ER-12LER-SH  *	LM12L04ER-12LDR-SH  *
-	LM12L04MR-SLPMR-PN  *	LM12L04FR-12LFR-SN  *	LM12L04ER-12LER-SN  *	LM12L04ER-12LDR-SN  *
-	LMSLS04MR-SLSMR-PH  *	LMSLS04FR-SLSFR-SH  *	LMSLS04ER-SLSER-SH  *	LMSLS04ER-SLSDR-SH  *
-	LMSLS04MR-SLSMR-PN  *	LMSLS04FR-SLSFR-SN  *	LMSLS04ER-SLSER-SN  *	LMSLS04ER-SLSDR-SN  *
-	LM12L04MR-12LMR-PH  *	LM12L04FR-12LFR-SH  *	LM12L04ER-12LER-SH  *	LM12L04ER-12LDR-SH  *
-	LM12L04MR-SLPMR-PN  *	LM12L04FR-12LFR-SN  *	LM12L04ER-12LER-SN  *	LM12L04ER-12LDR-SN  *
-	LSMSLS04MR-SLSMR-PH  *	LSMSLS04FR-SLSFR-SH  *	LSMSLS04ER-SLSER-SH  *	LSMSLS04ER-SLSDR-SH  *
-	LSMSLS04MR-SLSMR-PN *	LSMSLS04FR-SLSFR-SN *	LSMSLS04ER-SLSER-SN *	LSMSLS04ER-SLSDR-SN *

Number of Contacts		4 (3+FE) (LED)	
Coding		L	
Rated Voltage (AC/DC)		63V	
Nominal current		16A	
Connector/Contact Gender		FM	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LM12L04EL-12LEL-PH 10 *
		UL20549, High Flex / Bending PUR	-	LM12L04EL-SLPEL-PN 10 *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LMSLS04EL-SLSEL-PH 10 *
		UL20549, High Flex / Bending PUR	-	LMSLS04EL-SLSEL-PN 10 *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LM12L04EL-12LEL-PH 10 *
		UL20549, High Flex / Bending PUR	-	LM12L04EL-SLPEL-PN 10 *
MF	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LSMSLS04EL-SLSEL-PH 10 *
		UL20549, High Flex / Bending PUR	-	LSMSLS04EL-SLSEL-PN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLP04DL-SLPER-SH 10 *	-
		UL20549, High Flex / Bending PUR	LMSLP04DL-SLPER-SN 10 *	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L04DL-12LER-SH 10 *	LM12L04EL-12LER-PH 10 *
		UL20549, High Flex / Bending PUR	LM12L04DL-12LER-SN 10 *	LM12L04EL-SLPER-PN 10 *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LMSLS04DL-SLSER-SH 10 *	LMSLS04EL-SLSER-PH 10 *
		UL20549, High Flex / Bending PUR	LMSLS04DL-SLSER-SN 10 *	LMSLS04EL-SLSER-PN 10 *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LM12L04DL-12LER-SH 10 *	LM12L04EL-12LER-PH 10 *
		UL20549, High Flex / Bending PUR	LM12L04DL-12LER-SN 10 *	LM12L04EL-SLPER-PN 10 *
MF	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	LSMSLS04DL-SLSER-SH 10 *	LSMSLS04EL-SLSER-PH 10 *
		UL20549, High Flex / Bending PUR	LSMSLS04DL-SLSER-SN 10 *	LSMSLS04EL-SLSER-PN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LM12L04ER-12LER-PH 10 *
		UL20549, High Flex / Bending PUR	-	LM12L04ER-SLPER-PN 10 *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LMSLS04ER-SLSER-PH 10 *
		UL20549, High Flex / Bending PUR	-	LMSLS04ER-SLSER-PN 10 *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LM12L04ER-12LER-PH 10 *
		UL20549, High Flex / Bending PUR	-	LM12L04ER-SLPER-PN 10 *
MF	Stainless Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	LSMSLS04ER-SLSER-PH 10 *
		UL20549, High Flex / Bending PUR	-	LSMSLS04ER-SLSER-PN 10 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (3+FE) (LED)	4 (3+PE) (LED)			
L	S			
63V	630V			
16A	12A			
Female Power / Male Ground	MM	MF	FM	MPronto-12 (M/M)
				
-	LMSSP04 ML-SSPML-SG ¹⁰ *	LMSSP04 ML-SSPFL-SG ¹⁰ *	-	-
LMSLP04 DL-SLPDL-SH ¹⁰ *	-	-	-	-
LMSLP04 DL-SLPDL-SN ¹⁰ *	LMSSP04 ML-SSPML-SN ¹⁰ *	LMSSP04 ML-SSPFL-SN ¹⁰ *	-	-
-	LM12S04 ML-12SML-SG ¹⁰ *	LM12S04 ML-12SFL-SG ¹⁰ *	-	LM12S04 ML-12SML-PG ¹⁰ *
LM12L04 DL-12LDL-SH ¹⁰ *	-	-	-	-
LM12L04 DL-12LDL-SN ¹⁰ *	LM12S04 ML-12SML-SN ¹⁰ *	LM12S04 ML-12SFL-SN ¹⁰ *	-	LM12S04 ML-SSPML-PN ¹⁰ *
-	LMSSS04 ML-SSSML-SG ¹⁰ *	LMSSS04 ML-SSSFL-SG ¹⁰ *	-	LMSSS04 ML-SSSML-PG ¹⁰ *
LMSLS04 DL-SLSDL-SH ¹⁰ *	-	-	-	-
LMSLS04 DL-SLSDL-SN ¹⁰ *	LMSSS04 ML-SSSML-SN ¹⁰ *	LMSSS04 ML-SSSFL-SN ¹⁰ *	-	LMSSS04 ML-SSSML-PN ¹⁰ *
-	LSM12S04 ML-12SML-SG ¹⁰ *	LSM12S04 ML-12SFL-SG ¹⁰ *	-	LSM12S04 ML-12SML-PG ¹⁰ *
LM12L04 DL-12LDL-SH ¹⁰ *	-	-	-	-
LM12L04 DL-12LDL-SN ¹⁰ *	LSM12S04 ML-12SML-SN ¹⁰ *	LSM12S04 ML-12SFL-SN ¹⁰ *	-	LSM12S04 ML-SSPML-PN ¹⁰ *
-	LSMSSS04 ML-SSSML-SG ¹⁰ *	LSMSSS04 ML-SSSFL-SG ¹⁰ *	-	LSMSSS04 ML-SSSML-PG ¹⁰ *
LSMSLS04 DL-SLSDL-SH ¹⁰ *	-	-	-	-
LSMSLS04 DL-SLSDL-SN ¹⁰ *	LSMSSS04 ML-SSSML-SN ¹⁰ *	LSMSSS04 ML-SSSFL-SN ¹⁰ *	-	LSMSSS04 ML-SSSML-PN ¹⁰ *
-	LMSSP04 ML-SSPMR-SG ¹⁰ *	LMSSP04 ML-SSPFR-SG ¹⁰ *	LMSSP04 FL-SSPMR-SG ¹⁰ *	-
LMSLP04 DL-SLPDR-SH ¹⁰ *	-	-	-	-
LMSLP04 DL-SLPDR-SN ¹⁰ *	LMSSP04 ML-SSPMR-SN ¹⁰ *	LMSSP04 ML-SSPFR-SN ¹⁰ *	LMSSP04 FL-SSPMR-SN ¹⁰ *	-
-	LM12S04 ML-12SMR-SG ¹⁰ *	LM12S04 ML-12SFR-SG ¹⁰ *	LM12S04 FL-12SMR-SG ¹⁰ *	LM12S04 ML-12SMR-PG ¹⁰ *
LM12L04 DL-12LDR-SH ¹⁰ *	-	-	-	-
LM12L04 DL-12LDR-SN ¹⁰ *	LM12S04 ML-12SMR-SN ¹⁰ *	LM12S04 ML-12SFR-SN ¹⁰ *	LM12S04 FL-12SMR-SN ¹⁰ *	LM12S04 ML-SSPMR-PN ¹⁰ *
-	LMSSS04 ML-SSSMR-SG ¹⁰ *	LMSSS04 ML-SSSFR-SG ¹⁰ *	LMSSS04 FL-SSSMR-SG ¹⁰ *	LMSSS04 ML-SSSMR-PG ¹⁰ *
LMSLS04 DL-SLSDR-SH ¹⁰ *	-	-	-	-
LMSLS04 DL-SLSDR-SN ¹⁰ *	LMSSS04 ML-SSSMR-SN ¹⁰ *	LMSSS04 ML-SSSFR-SN ¹⁰ *	LMSSS04 FL-SSSMR-SN ¹⁰ *	LMSSS04 ML-SSSMR-PN ¹⁰ *
-	LSM12S04 ML-12SMR-SG ¹⁰ *	LSM12S04 ML-12SFR-SG ¹⁰ *	LSM12S04 FL-12SMR-SG ¹⁰ *	LSM12S04 ML-12SMR-PG ¹⁰ *
LM12L04 DL-12LDR-SH ¹⁰ *	-	-	-	-
LM12L04 DL-12LDR-SN ¹⁰ *	LSM12S04 ML-12SMR-SN ¹⁰ *	LSM12S04 ML-12SFR-SN ¹⁰ *	LSM12S04 FL-12SMR-SN ¹⁰ *	LSM12S04 ML-SSPMR-PN ¹⁰ *
-	LSMSSS04 ML-SSSMR-SG ¹⁰ *	LSMSSS04 ML-SSSFR-SG ¹⁰ *	LSMSSS04 FL-SSSMR-SG ¹⁰ *	LSMSSS04 ML-SSSMR-PG ¹⁰ *
LSMSLS04 DL-SLSDR-SH ¹⁰ *	-	-	-	-
LSMSLS04 DL-SLSDR-SN ¹⁰ *	LSMSSS04 ML-SSSMR-SN ¹⁰ *	LSMSSS04 ML-SSSFR-SN ¹⁰ *	LSMSSS04 FL-SSSMR-SN ¹⁰ *	LSMSSS04 ML-SSSMR-PN ¹⁰ *
-	LMSSP04 MR-SSPMR-SG ¹⁰ *	LMSSP04 MR-SSPFR-SG ¹⁰ *	-	-
LMSLP04 DR-SLPDR-SH ¹⁰ *	-	-	-	-
LMSLP04 DR-SLPDR-SN ¹⁰ *	LMSSP04 MR-SSPMR-SN ¹⁰ *	LMSSP04 MR-SSPFR-SN ¹⁰ *	-	-
-	LM12S04 MR-12SMR-SG ¹⁰ *	LM12S04 MR-12SFR-SG ¹⁰ *	-	LM12S04 MR-12SMR-PG ¹⁰ *
LM12L04 DR-12LDR-SH ¹⁰ *	-	-	-	-
LM12L04 DR-12LDR-SN ¹⁰ *	LM12S04 MR-12SMR-SN ¹⁰ *	LM12S04 MR-12SFR-SN ¹⁰ *	-	LM12S04 MR-SSPMR-PN ¹⁰ *
-	LMSSS04 MR-SSSMR-SG ¹⁰ *	LMSSS04 MR-SSSFR-SG ¹⁰ *	-	LMSSS04 MR-SSSMR-PG ¹⁰ *
LMSLS04 DR-SLSDR-SH ¹⁰ *	-	-	-	-
LMSLS04 DR-SLSDR-SN ¹⁰ *	LMSSS04 MR-SSSMR-SN ¹⁰ *	LMSSS04 MR-SSSFR-SN ¹⁰ *	-	LMSSS04 MR-SSSMR-PN ¹⁰ *
-	LSM12S04 MR-12SMR-SG ¹⁰ *	LSM12S04 MR-12SFR-SG ¹⁰ *	-	LSM12S04 MR-12SMR-PG ¹⁰ *
LM12L04 DR-12LDR-SH ¹⁰ *	-	-	-	-
LM12L04 DR-12LDR-SN ¹⁰ *	LSM12S04 MR-12SMR-SN ¹⁰ *	LSM12S04 MR-12SFR-SN ¹⁰ *	-	LSM12S04 MR-SSPMR-PN ¹⁰ *
-	LSMSSS04 MR-SSSMR-SG ¹⁰ *	LSMSSS04 MR-SSSFR-SG ¹⁰ *	-	LSMSSS04 MR-SSSMR-PG ¹⁰ *
LSMSLS04 DR-SLSDR-SH ¹⁰ *	-	-	-	-
LSMSLS04 DR-SLSDR-SN ¹⁰ *	LSMSSS04 MR-SSSMR-SN ¹⁰ *	LSMSSS04 MR-SSSFR-SN ¹⁰ *	-	LSMSSS04 MR-SSSMR-PN ¹⁰ *

Number of Contacts		4 (3+PE) (LED)	4 (LED)
Coding		S	T
Rated Voltage (AC/DC)		630V	63V
Nominal current		12A	12A
Connector/Contact Gender		FF	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2586, PVC Jacket	LMSSP04FL-SSPFL-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTP04ML-STPML-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSP04FL-SSPFL-SN ¹⁰ *	LMSTP04ML-STPML-SN ¹⁰ *
	Metal Nut	UL2586, PVC Jacket	LM12S04FL-12SFL-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LM12T04ML-12TML-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LM12S04FL-12SFL-SN ¹⁰ *	LM12T04ML-12TML-SN ¹⁰ *
	Shielded	UL2586, PVC Jacket	LMSSS04FL-SSSFL-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTS04ML-STSML-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSS04FL-SSSFL-SN ¹⁰ *	LMSTS04ML-STSML-SN ¹⁰ *
	Stainless	UL2586, PVC Jacket	LSM12S04FL-12SFL-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSM12T04ML-12TML-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSM12S04FL-12SFL-SN ¹⁰ *	LSM12T04ML-12TML-SN ¹⁰ *
	Stainless Shielded	UL2586, PVC Jacket	LSMSSS04FL-SSSFL-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSMSTS04ML-STSML-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSMSSS04FL-SSSFL-SN ¹⁰ *	LSMSTS04ML-STSML-SN ¹⁰ *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2586, PVC Jacket	LMSSP04FL-SSPFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTP04ML-STPMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSP04FL-SSPFR-SN ¹⁰ *	LMSTP04ML-STPMR-SN ¹⁰ *
	Metal Nut	UL2586, PVC Jacket	LM12S04FL-12SFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LM12T04ML-12TMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LM12S04FL-12SFR-SN ¹⁰ *	LM12T04ML-12TMR-SN ¹⁰ *
	Shielded	UL2586, PVC Jacket	LMSSS04FL-SSSFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTS04ML-STSMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSS04FL-SSSFR-SN ¹⁰ *	LMSTS04ML-STSMR-SN ¹⁰ *
	Stainless	UL2586, PVC Jacket	LSM12S04FL-12SFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSM12T04ML-12TMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSM12S04FL-12SFR-SN ¹⁰ *	LSM12T04ML-12TMR-SN ¹⁰ *
	Stainless Shielded	UL2586, PVC Jacket	LSMSSS04FL-SSSFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSMSTS04ML-STSMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSMSSS04FL-SSSFR-SN ¹⁰ *	LSMSTS04ML-STSMR-SN ¹⁰ *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

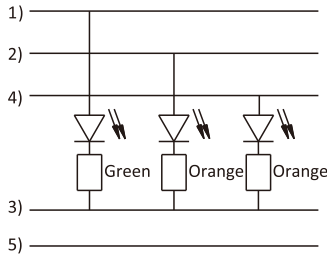
¹⁰ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2586, PVC Jacket	LMSSP04FR-SSPFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTP04MR-STPMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSP04FR-SSPFR-SN ¹⁰ *	LMSTP04MR-STPMR-SN ¹⁰ *
	Metal Nut	UL2586, PVC Jacket	LM12S04FR-12SFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LM12T04MR-12TMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LM12S04FR-12SFR-SN ¹⁰ *	LM12T04MR-12TMR-SN ¹⁰ *
	Shielded	UL2586, PVC Jacket	LMSSS04FR-SSSFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LMSTS04MR-STSMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LMSSS04FR-SSSFR-SN ¹⁰ *	LMSTS04MR-STSMR-SN ¹⁰ *
	Stainless	UL2586, PVC Jacket	LSM12S04FR-12SFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSM12T04MR-12TMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSM12S04FR-12SFR-SN ¹⁰ *	LSM12T04MR-12TMR-SN ¹⁰ *
	Stainless Shielded	UL2586, PVC Jacket	LSMSSS04FR-SSSFR-SG ¹⁰ *	-
		UL20233, PUR Jacket	-	LSMSTS04MR-STSMR-SH ¹⁰ *
		UL20549, High Flex / Bending PUR	LSMSSS04FR-SSSFR-SN ¹⁰ *	LSMSTS04MR-STSMR-SN ¹⁰ *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (LED)			
T			
63V			
12A			
MF	FM	MPronto-12 (M/M)	FF
			
-	-	-	-
LMSTP04ML-STPFL-SH 10 *	-	-	LMSTP04FL-STPFL-SH 10 *
LMSTP04ML-STPFL-SN 10 *	-	-	LMSTP04FL-STPFL-SN 10 *
-	-	-	-
LM12T04ML-12TFL-SH 10 *	-	LM12T04ML-12TML-PH 10 *	LM12T04FL-12TFL-SH 10 *
LM12T04ML-12TFL-SN 10 *	-	LM12T04ML-STPML-PN 10 *	LM12T04FL-12TFL-SN 10 *
-	-	-	-
LMSTS04ML-STSFSL-SH 10 *	-	LMSTS04ML-STSMML-PH 10 *	LMSTS04FL-STSFSL-SH 10 *
LMSTS04ML-STSFSL-SN 10 *	-	LMSTS04ML-STSMML-PN 10 *	LMSTS04FL-STSFSL-SN 10 *
-	-	-	-
LSM12T04ML-12TFL-SH 10 *	-	LSM12T04ML-12TML-PH 10 *	LSM12T04FL-12TFL-SH 10 *
LSM12T04ML-12TFL-SN 10 *	-	LSM12T04ML-STPML-PN 10 *	LSM12T04FL-12TFL-SN 10 *
-	-	-	-
LSMSTS04ML-STSFSL-SH 10 *	-	LSMSTS04ML-STSMML-PH 10 *	LSMSTS04FL-STSFSL-SH 10 *
LSMSTS04ML-STSFSL-SN 10 *	-	LSMSTS04ML-STSMML-PN 10 *	LSMSTS04FL-STSFSL-SN 10 *
-	-	-	-
LMSTP04ML-STPFR-SH 10 *	LMSTP04FL-STPMR-SH 10 *	-	LMSTP04FL-STPFR-SH 10 *
LMSTP04ML-STPFR-SN 10 *	LMSTP04FL-STPMR-SN 10 *	-	LMSTP04FL-STPFR-SN 10 *
-	-	-	-
LM12T04ML-12TFR-SH 10 *	LM12T04FL-12TMR-SH 10 *	LM12T04ML-12TMR-PH 10 *	LM12T04FL-12TFR-SH 10 *
LM12T04ML-12TFR-SN 10 *	LM12T04FL-12TMR-SN 10 *	LM12T04ML-STPMR-PN 10 *	LM12T04FL-12TFR-SN 10 *
-	-	-	-
LMSTS04ML-STSFR-SH 10 *	LMSTS04FL-STSMR-SH 10 *	LMSTS04ML-STSMR-PH 10 *	LMSTS04FL-STSFR-SH 10 *
LMSTS04ML-STSFR-SN 10 *	LMSTS04FL-STSMR-SN 10 *	LMSTS04ML-STSMR-PN 10 *	LMSTS04FL-STSFR-SN 10 *
-	-	-	-
LSM12T04ML-12TFR-SH 10 *	LSM12T04FL-12TMR-SH 10 *	LSM12T04ML-12TMR-PH 10 *	LSM12T04FL-12TFR-SH 10 *
LSM12T04ML-12TFR-SN 10 *	LSM12T04FL-12TMR-SN 10 *	LSM12T04ML-STPMR-PN 10 *	LSM12T04FL-12TFR-SN 10 *
-	-	-	-
LSMSTS04ML-STSFR-SH 10 *	LSMSTS04FL-STSMR-SH 10 *	LSMSTS04ML-STSMR-PH 10 *	LSMSTS04FL-STSFR-SH 10 *
LSMSTS04ML-STSFR-SN 10 *	LSMSTS04FL-STSMR-SN 10 *	LSMSTS04ML-STSMR-PN 10 *	LSMSTS04FL-STSFR-SN 10 *
-	-	-	-
LMSTP04MR-STPFR-SH 10 *	-	-	LMSTP04FR-STPFR-SH 10 *
LMSTP04MR-STPFR-SN 10 *	-	-	LMSTP04FR-STPFR-SN 10 *
-	-	-	-
LM12T04MR-12TFR-SH 10 *	-	LM12T04MR-12TMR-PH 10 *	LM12T04FR-12TFR-SH 10 *
LM12T04MR-12TFR-SN 10 *	-	LM12T04MR-STPMR-PN 10 *	LM12T04FR-12TFR-SN 10 *
-	-	-	-
LMSTS04MR-STSFR-SH 10 *	-	LMSTS04MR-STSMR-PH 10 *	LMSTS04FR-STSFR-SH 10 *
LMSTS04MR-STSFR-SN 10 *	-	LMSTS04MR-STSMR-PN 10 *	LMSTS04FR-STSFR-SN 10 *
-	-	-	-
LSM12T04MR-12TFR-SH 10 *	-	LSM12T04MR-12TMR-PH 10 *	LSM12T04FR-12TFR-SH 10 *
LSM12T04MR-12TFR-SN 10 *	-	LSM12T04MR-STPMR-PN 10 *	LSM12T04FR-12TFR-SN 10 *
-	-	-	-
LSMSTS04MR-STSFR-SH 10 *	-	LSMSTS04MR-STSMR-PH 10 *	LSMSTS04FR-STSFR-SH 10 *
LSMSTS04MR-STSFR-SN 10 *	-	LSMSTS04MR-STSMR-PN 10 *	LSMSTS04FR-STSFR-SN 10 *



Number of Contacts	5 (4+PE) (LED)	
Coding	K	
Rated Voltage (AC/DC)	630V	
Nominal current	16A	
Connector/Contact Gender	MM	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

K code	MM		All Plastic	UL20234, PUR Jacket	LMSKP05EL-SKPEL-SS ¹⁰ *	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKP05EL-SKPEL-SN ¹⁰ *	-
FF	FF		All Plastic	UL20234, PUR Jacket	LM12K05EL-12KEL-SS ¹⁰ *	LM12K05EL-SKPEL-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LM12K05EL-12KEL-SN ¹⁰ *	LM12K05EL-SKPEL-PN ¹⁰ *
M code	MM		Shielded	UL20234, PUR Jacket	-	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05EL-SKSEL-SN ¹⁰ *	LMSKS05EL-SKSEL-PN ¹⁰ *
MF	MF		Shielded	UL20234, PUR Jacket	LSM12K05EL-12KEL-SS ¹⁰ *	LSM12K05EL-SKPEL-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LSM12K05EL-12KEL-SN ¹⁰ *	LSM12K05EL-SKPEL-PN ¹⁰ *
Stainless	Stainless		Shielded	UL20234, PUR Jacket	LMSKS05EL-SKSEL-SS ¹⁰ *	LMSKS05EL-SKSEL-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05EL-SKSEL-SN ¹⁰ *	LMSKS05EL-SKSEL-PN ¹⁰ *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

K code	MM		All Plastic	UL20234, PUR Jacket	LMSKP05EL-SKPER-SS ¹⁰ *	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKP05EL-SKPER-SN ¹⁰ *	-
FF	FF		All Plastic	UL20234, PUR Jacket	LM12K05EL-12KER-SS ¹⁰ *	LM12K05EL-12KER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LM12K05EL-12KER-SN ¹⁰ *	LM12K05EL-SKPER-PN ¹⁰ *
M code	MM		Shielded	UL20234, PUR Jacket	-	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05EL-SKSER-SN ¹⁰ *	LMSKS05EL-SKSER-PN ¹⁰ *
MF	MF		Shielded	UL20234, PUR Jacket	LSM12K05EL-12KER-SS ¹⁰ *	LSM12K05EL-12KER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LSM12K05EL-12KER-SN ¹⁰ *	LSM12K05EL-SKPER-PN ¹⁰ *
Stainless	Stainless		Shielded	UL20234, PUR Jacket	LMSKS05EL-SKSER-SS ¹⁰ *	LMSKS05EL-SKSER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05EL-SKSER-SN ¹⁰ *	LMSKS05EL-SKSER-PN ¹⁰ *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

K code	MM		All Plastic	UL20234, PUR Jacket	LMSKP05ER-SKPER-SS ¹⁰ *	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKP05ER-SKPER-SN ¹⁰ *	-
FF	FF		All Plastic	UL20234, PUR Jacket	LM12K05ER-12KER-SS ¹⁰ *	LM12K05ER-12KER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LM12K05ER-12KER-SN ¹⁰ *	LM12K05ER-SKPER-PN ¹⁰ *
M code	MM		Shielded	UL20234, PUR Jacket	-	-
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05ER-SKSER-SN ¹⁰ *	LMSKS05ER-SKSER-PN ¹⁰ *
MF	MF		Shielded	UL20234, PUR Jacket	LSM12K05ER-12KER-SS ¹⁰ *	LSM12K05ER-SKPER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LSM12K05ER-12KER-SN ¹⁰ *	LSM12K05ER-SKPER-PN ¹⁰ *
Stainless	Stainless		Shielded	UL20234, PUR Jacket	LMSKS05ER-SKSER-SS ¹⁰ *	LMSKS05ER-SKSER-PS ¹⁰ *
			Metal Nut	UL20549, High Flex / Bending PUR	LMSKS05ER-SKSER-SN ¹⁰ *	LMSKS05ER-SKSER-PN ¹⁰ *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (4+PE) (LED)		5 (4+PE) (LED)		
K	M			
630V	630V			
16A	8A			
FF	Male Power / Female Ground	MF	FM	MPronto-12 (M/M)
				
LMSKP05DL-SKPDL-SS 	LMSMP05EL-SMPEL-SS 	LMSMP05EL-SMPDL-SS 	-	-
LMSKP05DL-SKPDL-SN 	LMSMP05EL-SMPEL-SN 	LMSMP05EL-SMPDL-SN 	-	-
LM12K05DL-12KDL-SS 	LM12M05EL-12MEL-SS 	LM12M05EL-12MDL-SS 	-	LM12M05EL-SMPEL-PS 
LM12K05DL-12KDL-SN 	LM12M05EL-12MEL-SN 	LM12M05EL-12MDL-SN 	-	LM12M05EL-SMPEL-PN 
-	LMSMS05EL-SMSEL-SS 	LMSMS05EL-SMSDL-SS 	-	LMSMS05EL-SMSEL-PS 
LMSKS05DL-SKSDL-SN 	LMSMS05EL-SMSEL-SN 	LMSMS05EL-SMSDL-SN 	-	LMSMS05EL-SMSEL-PN 
LSM12K05DL-12KDL-SS 	LSM12M05EL-12MEL-SS 	LSM12M05EL-12MDL-SS 	-	LSM12M05EL-SMPEL-PS 
LSM12K05DL-12KDL-SN 	LSM12M05EL-12MEL-SN 	LSM12M05EL-12MDL-SN 	-	LSM12M05EL-SMPEL-PN 
LSMSKS05DL-SKSDL-SS 	LSMSMS05EL-SMSEL-SS 	LSMSMS05EL-SMSDL-SS 	-	LSMSMS05EL-SMSEL-PS 
LSMSKS05DL-SKSDL-SN 	LSMSMS05EL-SMSEL-SN 	LSMSMS05EL-SMSDL-SN 	-	LSMSMS05EL-SMSEL-PN 
LMSKP05DL-SKPD-R-SS 	LMSMP05EL-SMPER-SS 	LMSMP05EL-SMPDR-SS 	LMSMP05DL-SMPER-SS 	-
LMSKP05DL-SKPD-R-SN 	LMSMP05EL-SMPER-SN 	LMSMP05EL-SMPDR-SN 	LMSMP05DL-SMPER-SN 	-
LM12K05DL-12KDR-SS 	LM12M05EL-12MER-SS 	LM12M05EL-12MDR-SS 	LM12M05DL-12MER-SS 	LM12M05EL-12MER-PS 
LM12K05DL-12KDR-SN 	LM12M05EL-12MER-SN 	LM12M05EL-12MDR-SN 	LM12M05DL-12MER-SN 	LM12M05EL-SMPER-PN 
-	LM12M05EL-12MER-SS 	LMSMS05EL-SMSDR-SS 	LMSMS05DL-SMSER-SS 	LM12M05EL-12MER-PS 
LMSKS05DL-SKSDR-SN 	LMSMS05EL-SMSER-SN 	LMSMS05EL-SMSDR-SN 	LMSMS05DL-SMSER-SN 	LMSMS05EL-SMSER-PN 
LSM12K05DL-12KDR-SS 	LSM12M05EL-12MER-SS 	LSM12M05EL-12MDR-SS 	LSM12M05DL-12MER-SS 	LSM12M05EL-12MER-PS 
LSM12K05DL-12KDR-SN 	LSM12M05EL-12MER-SN 	LSM12M05EL-12MDR-SN 	LSM12M05DL-12MER-SN 	LSM12M05EL-SMPER-PN 
LSMSKS05DL-SKSDR-SS 	LSMSMS05EL-SMSER-SS 	LSMSMS05EL-SMSDR-SS 	LSMSMS05DL-SMSER-SS 	LSMSMS05EL-SMSER-PS 
LSMSKS05DL-SKSDR-SN 	LSMSMS05EL-SMSER-SN 	LSMSMS05EL-SMSDR-SN 	LSMSMS05DL-SMSER-SN 	LSMSMS05EL-SMSER-PN 
LMSKP05DR-SKPD-R-SS 	LMSMP05ER-SMPER-SS 	LMSMP05ER-SMPDR-SS 	-	-
LMSKP05DR-SKPD-R-SN 	LMSMP05ER-SMPER-SN 	LMSMP05ER-SMPDR-SN 	-	-
LM12K05DR-12KDR-SS	LM12M05ER-12MER-SS	LM12M05ER-12MDR-SS	-	LM12M05ER-12MER-PS
LM12K05DR-12KDR-SN	LM12M05ER-12MER-SN	LM12M05ER-12MDR-SN	-	LM12M05ER-SMPER-PN
-	LMSMS05ER-SMSER-SS	LMSMS05ER-SMSDR-SS	-	LMSMS05ER-SMSER-PS
LMSKS05DR-SKSDR-SN	LMSMS05ER-SMSER-SN	LMSMS05ER-SMSDR-SN	-	LMSMS05ER-SMSER-PN
LSM12K05DR-12KDR-SS	LSM12M05ER-12MER-SS	LSM12M05ER-12MDR-SS	-	LSM12M05ER-SMPER-PS
LSM12K05DR-12KDR-SN	LSM12M05ER-12MER-SN	LSM12M05ER-12MDR-SN	-	LSM12M05ER-SMPER-PN
LSMSKS05DR-SKSDR-SS	LSMSMS05ER-SMSER-SS	LSMSMS05ER-SMSDR-SS	-	LSMSMS05ER-SMSER-PS
LSMSKS05DR-SKSDR-SN	LSMSMS05ER-SMSER-SN	LSMSMS05ER-SMSDR-SN	-	LSMSMS05ER-SMSER-PN

M12 L, M-Code

Screw Threaded (M12 * 1.0) LED Overmolded Cable

Number of Contacts		5 (4+PE) (LED)	5 (4+FE) (LED)
Coding		M	L
Rated Voltage (AC/DC)		630V	63V
Nominal current		8A	16A
Connector/Contact Gender PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		Female Power / Male Ground 	Male Power / Female Ground

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code MM FF MF M code MM FF	All Plastic	UL20233, PUR Jacket	-	LMSLP05 EL-SLP EL-SH 10 *
		UL20234, PUR Jacket	LMSMP05 DL-SMP DL-SS 10 *	-
		UL20549, High Flex / Bending PUR	LMSMP05 DL-SMP DL-SN 10 *	LMSLP05 EL-SLP EL-SN 10 *
	Metal Nut	UL20233, PUR Jacket	-	LM12L05 EL-12L EL-SH 10 *
		UL20234, PUR Jacket	LM12M05 DL-12M DL-SS 10 *	-
		UL20549, High Flex / Bending PUR	LM12M05 DL-12M DL-SN 10 *	LM12L05 EL-12L EL-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSLS05 EL-SLS EL-SG 10 *
		UL20233, PUR Jacket	-	LMSLS05 EL-SLS EL-SH 10 *
		UL20234, PUR Jacket	LMSMS05 DL-SMS DL-SS 10 *	-
	Stainless	UL20549, High Flex / Bending PUR	LMSMS05 DL-SMS DL-SN 10 *	LMSLS05 EL-SLS EL-SN 10 *
		UL2586, PVC Jacket	-	LM12L05 EL-12L EL-SG 10 *
		UL20233, PUR Jacket	-	LM12L05 EL-12L EL-SH 10 *
	Stainless Shielded	UL20234, PUR Jacket	LSM12M05 DL-12M DL-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSM12M05 DL-12M DL-SN 10 *	LM12L05 EL-12L EL-SN 10 *
		UL2586, PVC Jacket	-	LSMSLS05 EL-SLS EL-SG 10 *
		UL20233, PUR Jacket	-	LSMSLS05 EL-SLS EL-SH 10 *
		UL20234, PUR Jacket	LSMSMS05 DL-SMS DL-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSMSMS05 DL-SMS DL-SN 10 *	LSMSLS05 EL-SLS EL-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code MM FF MF M code MM FF	All Plastic	UL20233, PUR Jacket	-	LMSLP05 EL-SLP ER-SH 10 *
		UL20234, PUR Jacket	LMSMP05 DL-SMP DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LMSMP05 DL-SMP DR-SN 10 *	LMSLP05 EL-SLP ER-SN 10 *
	Metal Nut	UL20233, PUR Jacket	-	LM12L05 EL-12L ER-SH 10 *
		UL20234, PUR Jacket	LM12M05 DL-12M DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LM12M05 DL-12M DR-SN 10 *	LM12L05 EL-12L ER-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSLS05 EL-SLS ER-SG 10 *
		UL20233, PUR Jacket	-	LMSLS05 EL-SLS ER-SH 10 *
		UL20234, PUR Jacket	LM12M05 DL-12M DR-SS 10 *	-
	Stainless	UL20549, High Flex / Bending PUR	LMSMS05 DL-SMS DR-SN 10 *	LMSLS05 EL-SLS ER-SN 10 *
		UL2586, PVC Jacket	-	LM12L05 EL-12L ER-SG 10 *
		UL20233, PUR Jacket	-	LM12L05 EL-12L ER-SH 10 *
	Stainless Shielded	UL20234, PUR Jacket	LSM12M05 DL-12M DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSM12M05 DL-12M DR-SN 10 *	LM12L05 EL-12L ER-SN 10 *
		UL2586, PVC Jacket	-	LSMSLS05 EL-SLS ER-SG 10 *
		UL20233, PUR Jacket	-	LSMSLS05 EL-SLS ER-SH 10 *
		UL20234, PUR Jacket	LSMSMS05 DL-SMS DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSMSMS05 DL-SMS DR-SN 10 *	LSMSLS05 EL-SLS ER-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code MM FF MF M code MM FF	All Plastic	UL20233, PUR Jacket	-	LMSLP05 ER-SLP ER-SH 10 *
		UL20234, PUR Jacket	LMSMP05 DR-SMP DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LMSMP05 DR-SMP DR-SN 10 *	LMSLP05 ER-SLP ER-SN 10 *
	Metal Nut	UL20233, PUR Jacket	-	LM12L05 ER-12L ER-SH 10 *
		UL20234, PUR Jacket	LM12M05 DR-12M DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LM12M05 DR-12M DR-SN 10 *	LM12L05 ER-12L ER-SN 10 *
	Shielded	UL2586, PVC Jacket	-	LMSLS05 ER-SLS ER-SG 10 *
		UL20233, PUR Jacket	-	LMSLS05 ER-SLS ER-SH 10 *
		UL20234, PUR Jacket	LMSMS05 DR-SMS DR-SS 10 *	-
	Stainless	UL20549, High Flex / Bending PUR	LMSMS05 DR-SMS DR-SN 10 *	LMSLS05 ER-SLS ER-SN 10 *
		UL2586, PVC Jacket	-	LM12L05 ER-12L ER-SG 10 *
		UL20233, PUR Jacket	-	LM12L05 ER-12L ER-SH 10 *
	Stainless Shielded	UL20234, PUR Jacket	LSM12M05 DR-12M DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSM12M05 DR-12M DR-SN 10 *	LM12L05 ER-12L ER-SN 10 *
		UL2586, PVC Jacket	-	LSMSLS05 ER-SLS ER-SG 10 *
		UL20233, PUR Jacket	-	LSMSLS05 ER-SLS ER-SH 10 *
		UL20234, PUR Jacket	LSMSMS05 DR-SMS DR-SS 10 *	-
		UL20549, High Flex / Bending PUR	LSMSMS05 DR-SMS DR-SN 10 *	LSMSLS05 ER-SLS ER-SN 10 *

* Upon Request ¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

M12 L, M-Code

Screw Threaded (M12 * 1.0) LED Overmolded Cable

5 (4+FE) (LED)				6 (5+PE) (LED)
L				M
63V				630V
16A				8A
MF	FM	MPronto-12 (M/M)	Female Power / Male Ground	Male Power / Female Ground
				
LMSLP05 EL-SLP DL-SH ¹⁰ *	-	-	LMSLP05 DL-SLP DL-SH ¹⁰ *	-
-	-	-	-	LMSMP06 EL-SMP EL-SS ¹⁰ *
LMSLP05 EL-SLP DL-SN ¹⁰ *	-	-	LMSLP05 DL-SLP DL-SN ¹⁰ *	LMSMP06 EL-SMP EL-SN ¹⁰ *
LM12L05 EL-12L DL-SH ¹⁰ *	-	LM12L05 EL-12L EL-PH ¹⁰ *	LM12L05 DL-12L DL-SH ¹⁰ *	-
-	-	-	-	LM12M06 EL-12M EL-SS ¹⁰ *
LM12L05 EL-12L DL-SN ¹⁰ *	-	LM12L05 EL-SLP EL-PN ¹⁰ *	LM12L05 DL-12L DL-SN ¹⁰ *	LM12M06 EL-12M EL-SN ¹⁰ *
-	-	LMSLS05 EL-SLS EL-PG ¹⁰ *	LMSLS05 DL-SLS DL-SG ¹⁰ *	-
LMSLS05 EL-SLS DL-SH ¹⁰ *	-	LMSLS05 EL-SLS EL-PH ¹⁰ *	LMSLS05 DL-SLS DL-SH ¹⁰ *	-
-	-	-	-	LMSMS06 EL-SMS EL-SS ¹⁰ *
LMSLS05 EL-SLS DL-SN ¹⁰ *	-	LMSLS05 EL-SLS EL-PN ¹⁰ *	LMSLS05 DL-SLS DL-SN ¹⁰ *	LMSMS06 EL-SMS EL-SN ¹⁰ *
-	-	LM12L05 EL-12L EL-PG ¹⁰ *	LM12L05 DL-12L DL-SG ¹⁰ *	-
LM12L05 EL-12L DL-SH ¹⁰ *	-	LM12L05 EL-12L EL-PH ¹⁰ *	LM12L05 DL-12L DL-SH ¹⁰ *	-
-	-	-	-	LSM12M06 EL-12M EL-SS ¹⁰ *
LM12L05 EL-12L DL-SN ¹⁰ *	-	LM12L05 EL-SLP EL-PN ¹⁰ *	LM12L05 DL-12L DL-SN ¹⁰ *	LSM12M06 EL-12M EL-SN ¹⁰ *
-	-	LSMSLS05 EL-SLS EL-PG ¹⁰ *	LSMSLS05 DL-SLS DL-SG ¹⁰ *	-
LSMSLS05 EL-SLS DL-SH ¹⁰ *	-	LSMSLS05 EL-SLS EL-PH ¹⁰ *	LSMSLS05 DL-SLS DL-SH ¹⁰ *	-
-	-	-	-	LSMSMS06 EL-SMS EL-SS ¹⁰ *
LSMSLS05 EL-SLS DL-SN ¹⁰ *	-	LSMSLS05 EL-SLS EL-PN ¹⁰ *	LSMSLS05 DL-SLS DL-SN ¹⁰ *	LSMSMS06 EL-SMS EL-SN ¹⁰ *
LMSLP05 EL-SLP DR-SH ¹⁰ *	LMSLP05 DL-SLP ER-SH ¹⁰ *	-	LMSLP05 DL-SLP DR-SH ¹⁰ *	-
-	-	-	-	LMSMP06 EL-SMP ER-SS ¹⁰ *
LMSLP05 EL-SLP DR-SN ¹⁰ *	LMSLP05 DL-SLP ER-SN ¹⁰ *	-	LMSLP05 DL-SLP DR-SN ¹⁰ *	LMSMP06 EL-SMP ER-SN ¹⁰ *
LM12L05 EL-12L DR-SH ¹⁰ *	LM12L05 DL-12L ER-SH ¹⁰ *	LM12L05 EL-12L ER-PH ¹⁰ *	LM12L05 DL-12L DR-SH ¹⁰ *	-
-	-	-	-	LM12M06 EL-12M ER-SS ¹⁰ *
LM12L05 EL-12L DR-SN ¹⁰ *	LM12L05 DL-12L ER-SN ¹⁰ *	LM12L05 EL-SLP ER-PN ¹⁰ *	LM12L05 DL-12L DR-SN ¹⁰ *	LM12M06 EL-12M ER-SN ¹⁰ *
-	-	LMSLS05 EL-SLS ER-PG ¹⁰ *	LMSLS05 DL-SLS DR-SG ¹⁰ *	-
LMSLS05 EL-SLS DR-SH ¹⁰ *	LMSLS05 DL-SLS ER-SH ¹⁰ *	LMSLS05 EL-SLS ER-PH ¹⁰ *	LMSLS05 DL-SLS DR-SH ¹⁰ *	-
-	-	-	-	LM12M06 EL-12M ER-SS ¹⁰ *
LMSLS05 EL-SLS DR-SN ¹⁰ *	LMSLS05 DL-SLS ER-SN ¹⁰ *	LMSLS05 EL-SLS ER-PN ¹⁰ *	LMSLS05 DL-SLS DR-SN ¹⁰ *	LMSMS06 EL-SMS ER-SN ¹⁰ *
-	-	LM12L05 EL-12L ER-PG ¹⁰ *	LM12L05 DL-12L DR-SG ¹⁰ *	-
LM12L05 EL-12L DR-SH ¹⁰ *	LM12L05 DL-12L ER-SH ¹⁰ *	LM12L05 EL-12L ER-PH ¹⁰ *	LM12L05 DL-12L DR-SH ¹⁰ *	-
-	-	-	-	LSM12M06 EL-12M ER-SS ¹⁰ *
LM12L05 EL-12L DR-SN ¹⁰ *	LM12L05 DL-12L ER-SN ¹⁰ *	LM12L05 EL-SLP ER-PN ¹⁰ *	LM12L05 DL-12L DR-SN ¹⁰ *	LSM12M06 EL-12M ER-SN ¹⁰ *
-	-	LSMSLS05 EL-SLS ER-PG ¹⁰ *	LSMSLS05 DL-SLS DR-SG ¹⁰ *	-
LSMSLS05 EL-SLS DR-SH ¹⁰ *	LSMSLS05 DL-SLS ER-SH ¹⁰ *	LSMSLS05 EL-SLS ER-PH ¹⁰ *	LSMSLS05 DL-SLS DR-SH ¹⁰ *	-
-	-	-	-	LSMSMS06 EL-SMS ER-SS ¹⁰ *
LSMSLS05 EL-SLS DR-SN ¹⁰ *	LSMSLS05 DL-SLS ER-SN ¹⁰ *	LSMSLS05 EL-SLS ER-PN ¹⁰ *	LSMSLS05 DL-SLS DR-SN ¹⁰ *	LSMSMS06 EL-SMS ER-SN ¹⁰ *
LMSLP05 ER-SLP DR-SH ¹⁰ *	-	-	LMSLP05 DR-SLP DR-SH ¹⁰ *	-
-	-	-	-	LMSMP06 ER-SMP ER-SS ¹⁰ *
LMSLP05 ER-SLP DR-SN ¹⁰ *	-	-	LMSLP05 DR-SLP DR-SN ¹⁰ *	LMSMP06 ER-SMP ER-SN ¹⁰ *
LM12L05 ER-12L DR-SH ¹⁰ *	-	LM12L05 ER-12L ER-PH ¹⁰ *	LM12L05 DR-12L DR-SH ¹⁰ *	-
-	-	-	-	LM12M06 ER-12M ER-SS ¹⁰ *
LM12L05 ER-12L DR-SN ¹⁰ *	-	LM12L05 ER-SLP ER-PN ¹⁰ *	LM12L05 DR-12L DR-SN ¹⁰ *	LM12M06 ER-12M ER-SN ¹⁰ *
-	-	LMSLS05 ER-SLS ER-PG ¹⁰ *	LMSLS05 DR-SLS DR-SG ¹⁰ *	-
LMSLS05 ER-SLS DR-SH ¹⁰ *	-	LMSLS05 ER-SLS ER-PH ¹⁰ *	LMSLS05 DR-SLS DR-SH ¹⁰ *	-
-	-	-	-	LM12M06 ER-12M ER-SS ¹⁰ *
LMSLS05 ER-SLS DR-SN ¹⁰ *	-	LMSLS05 ER-SLS ER-PN ¹⁰ *	LMSLS05 DR-SLS DR-SN ¹⁰ *	LMSMS06 ER-SMS ER-SN ¹⁰ *
-	-	LM12L05 ER-12L ER-PG ¹⁰ *	LM12L05 DR-12L DR-SG ¹⁰ *	-
LM12L05 ER-12L DR-SH ¹⁰ *	-	LM12L05 ER-12L ER-PH ¹⁰ *	LM12L05 DR-12L DR-SH ¹⁰ *	-
-	-	-	-	LSM12M06 ER-12M ER-SS ¹⁰ *
LM12L05 ER-12L DR-SN ¹⁰ *	-	LM12L05 ER-SLP ER-PN ¹⁰ *	LM12L05 DR-12L DR-SN ¹⁰ *	LSM12M06 ER-12M ER-SN ¹⁰ *
-	-	LSMSLS05 ER-SLS ER-PG ¹⁰ *	LSMSLS05 DR-SLS DR-SG ¹⁰ *	-
LSMSLS05 ER-SLS DR-SH ¹⁰ *	-	LSMSLS05 ER-SLS ER-PH ¹⁰ *	LSMSLS05 DR-SLS DR-SH ¹⁰ *	-
-	-	-	-	LSMSMS06 ER-SMS ER-SS ¹⁰ *
LSMSLS05 ER-SLS DR-SN ¹⁰ *	-	LSMSLS05 ER-SLS ER-PN ¹⁰ *	LSMSLS05 DR-SLS DR-SN ¹⁰ *	LSMSMS06 ER-SMS ER-SN ¹⁰ *

Number of Contacts		6 (5+PE) (LED)			
Coding		M			
Rated Voltage (AC/DC)		630V			
Nominal current		8A			
Connector/Contact Gender		MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground					

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

	All Plastic	UL20234, PUR Jacket	LMSMP06EL-SMPDL-SS ⁽¹⁰⁾	-	-	LMSMP06DL-SMPDL-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMP06EL-SMPDL-SN ⁽¹⁰⁾	-	-	LMSMP06DL-SMPDL-SN ⁽¹⁰⁾
	Metal Nut	UL20234, PUR Jacket	LM12M06EL-12MDL-SS ⁽¹⁰⁾	-	LM12M06EL-SMPEL-PS ⁽¹⁰⁾	LM12M06DL-12MDL-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LM12M06EL-12MDL-SN ⁽¹⁰⁾	-	LM12M06EL-SMPEL-PN ⁽¹⁰⁾	LM12M06DL-12MDL-SN ⁽¹⁰⁾
	Shielded	UL20234, PUR Jacket	LMSMS06EL-SMSDL-SS ⁽¹⁰⁾	-	LMSMS06EL-SMSEL-PS ⁽¹⁰⁾	LMSMS06DL-SMSDL-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMS06EL-SMSDL-SN ⁽¹⁰⁾	-	LMSMS06EL-SMSEL-PN ⁽¹⁰⁾	LMSMS06DL-SMSDL-SN ⁽¹⁰⁾
	Stainless	UL20234, PUR Jacket	LSM12M06EL-12MDL-SS ⁽¹⁰⁾	-	LSM12M06EL-SMPEL-PS ⁽¹⁰⁾	LSM12M06DL-12MDL-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSM12M06EL-12MDL-SN ⁽¹⁰⁾	-	LSM12M06EL-SMPEL-PN ⁽¹⁰⁾	LSM12M06DL-12MDL-SN ⁽¹⁰⁾
	Stainless Shielded	UL20234, PUR Jacket	LSMSMS06EL-SMSDL-SS ⁽¹⁰⁾	-	LSMSMS06EL-SMSEL-PS ⁽¹⁰⁾	LSMSMS06DL-SMSDL-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSMSMS06EL-SMSDL-SN ⁽¹⁰⁾	-	LSMSMS06EL-SMSEL-PN ⁽¹⁰⁾	LSMSMS06DL-SMSDL-SN ⁽¹⁰⁾

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

	All Plastic	UL20234, PUR Jacket	LMSMP06EL-SMPDR-SS ⁽¹⁰⁾	LMSMP06DL-SMPER-SS ⁽¹⁰⁾	-	LMSMP06DL-SMPDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMP06EL-SMPDR-SN ⁽¹⁰⁾	LMSMP06DL-SMPER-SN ⁽¹⁰⁾	-	LMSMP06DL-SMPDR-SN ⁽¹⁰⁾
	Metal Nut	UL20234, PUR Jacket	LM12M06EL-12MDR-SS ⁽¹⁰⁾	LM12M06DL-12MER-SS ⁽¹⁰⁾	LM12M06EL-12MER-PS ⁽¹⁰⁾	LM12M06DL-12MDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LM12M06EL-12MDR-SN ⁽¹⁰⁾	LM12M06DL-12MER-SN ⁽¹⁰⁾	LM12M06EL-SMPER-PN ⁽¹⁰⁾	LM12M06DL-12MDR-SN ⁽¹⁰⁾
	Shielded	UL20234, PUR Jacket	LMSMS06EL-SMSDR-SS ⁽¹⁰⁾	LMSMS06DL-SMSER-SS ⁽¹⁰⁾	LM12M06EL-12MER-PS ⁽¹⁰⁾	LM12M06DL-12MDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMS06EL-SMSDR-SN ⁽¹⁰⁾	LMSMS06DL-SMSER-SN ⁽¹⁰⁾	LM12M06EL-12MER-PS ⁽¹⁰⁾	LM12M06DL-12MDR-SN ⁽¹⁰⁾
	Stainless	UL20234, PUR Jacket	LSM12M06EL-12MDR-SS ⁽¹⁰⁾	LSM12M06DL-12MER-SS ⁽¹⁰⁾	LSM12M06EL-12MER-PS ⁽¹⁰⁾	LSM12M06DL-12MDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSM12M06EL-12MDR-SN ⁽¹⁰⁾	LSM12M06DL-12MER-SN ⁽¹⁰⁾	LSM12M06EL-SMPER-PN ⁽¹⁰⁾	LSM12M06DL-12MDR-SN ⁽¹⁰⁾
	Stainless Shielded	UL20234, PUR Jacket	LSMSMS06EL-SMSDR-SS ⁽¹⁰⁾	LSMSMS06DL-SMSER-SS ⁽¹⁰⁾	LSMSMS06EL-12MER-PS ⁽¹⁰⁾	LSMSMS06DL-SMSDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSMSMS06EL-SMSDR-SN ⁽¹⁰⁾	LSMSMS06DL-SMSER-SN ⁽¹⁰⁾	LSMSMS06EL-SMSER-PN ⁽¹⁰⁾	LSMSMS06DL-SMSDR-SN ⁽¹⁰⁾

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

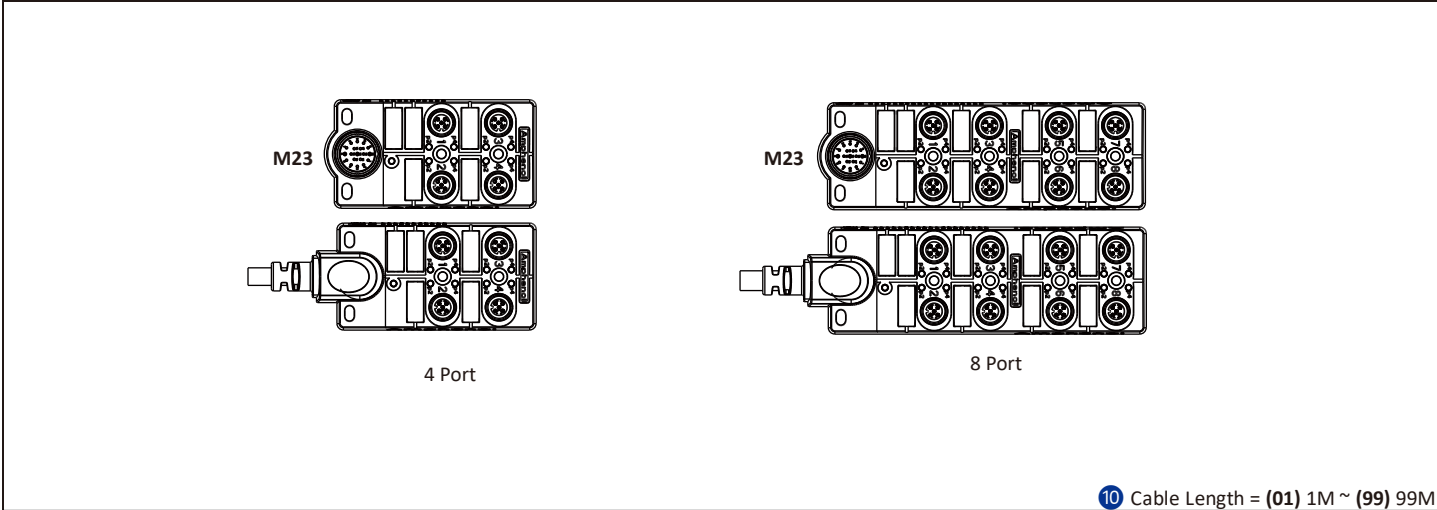
10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

	All Plastic	UL20234, PUR Jacket	LMSMP06ER-SMPDR-SS ⁽¹⁰⁾	-	-	LMSMP06DR-SMPDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMP06ER-SMPDR-SN ⁽¹⁰⁾	-	-	LMSMP06DR-SMPDR-SN ⁽¹⁰⁾
	Metal Nut	UL20234, PUR Jacket	LM12M06ER-12MDR-SS ⁽¹⁰⁾	-	LM12M06ER-12MER-PS ⁽¹⁰⁾	LM12M06DR-12MDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LM12M06ER-12MDR-SN ⁽¹⁰⁾	-	LM12M06ER-SMPER-PN ⁽¹⁰⁾	LM12M06DR-12MDR-SN ⁽¹⁰⁾
	Shielded	UL20234, PUR Jacket	LMSMS06ER-SMSDR-SS ⁽¹⁰⁾	-	LMSMS06ER-SMSER-PS ⁽¹⁰⁾	LMSMS06DR-SMSDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LMSMS06ER-SMSDR-SN ⁽¹⁰⁾	-	LMSMS06ER-SMSER-PN ⁽¹⁰⁾	LMSMS06DR-SMSDR-SN ⁽¹⁰⁾
	Stainless	UL20234, PUR Jacket	LSM12M06ER-12MDR-SS ⁽¹⁰⁾	-	LSM12M06ER-SMPER-PS ⁽¹⁰⁾	LSM12M06DR-12MDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSM12M06ER-12MDR-SN ⁽¹⁰⁾	-	LSM12M06ER-SMPER-PN ⁽¹⁰⁾	LSM12M06DR-12MDR-SN ⁽¹⁰⁾
	Stainless Shielded	UL20234, PUR Jacket	LSMSMS06ER-SMSDR-SS ⁽¹⁰⁾	-	LSMSMS06ER-SMSER-PS ⁽¹⁰⁾	LSMSMS06DR-SMSDR-SS ⁽¹⁰⁾
		UL20549, High Flex / Bending	LSMSMS06ER-SMSDR-SN ⁽¹⁰⁾	-	LSMSMS06ER-SMSER-PN ⁽¹⁰⁾	LSMSMS06DR-SMSDR-SN ⁽¹⁰⁾

⁽¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Apply For Non-Standard Lengths

* Upon Request

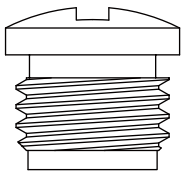
Distribution Box



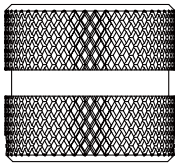
Coding	Nominal Current	No. of Contacts	Port	M12	
				Without Cable	With Cable
A	4A	05	4	DB12-5A4M23-DPS7001	DB12-5A4CAB-DPS7B 10
			8	DB12-5A8M23-DPS7001	DB12-5A8CAB-DPS7B 10

* Upon Request

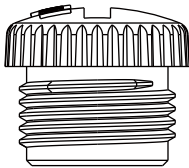
Waterproof Cap



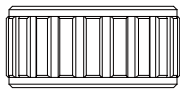
M8 (For Female)



M10.5 (For Male)



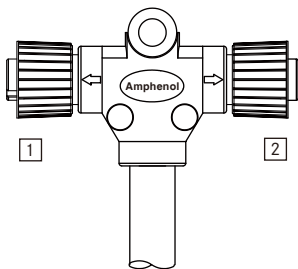
M12 (For Female)



M23 (For Male)

Size	Mating Pair	Mating Gender	Material	Attachment	Screw Thread
M8	Overmolded with Cable	Female	Plastic	With Lead	CAP-WBBFSPC1
		Female	Plastic	Cap Only	CAP-WBBFSMA1
	Receptacle and Overmolded with Cable	Male	Plastic	Cap Only	CAP-WBBMSMA1
		Female	Plastic	Cap Only	CAP-WBBFSMA1
M10.5	Receptacle and Overmolded with Cable	Male	Metal	Cap Only	CAP-WBCMSMA2
M12 A / B / D / I K / L / S / T / X	Receptacle	Male	Metal	With Chain	CAP-WBDMSPB2
		Male	Plastic	With Lead	CAP-WBDMQPC1
		Female	Metal	With Chain	CAP-WBDFSPB1
		Female	Metal	With Lead	CAP-WBDFSPC1
	Receptacle and Overmolded with Cable	Male	Plastic	Cap Only	CAP-WBDMSMA1
		Male	Metal	Cap Only	CAP-WBDMSMA2
		Female	Plastic	Cap Only	CAP-WBDFSMA1
		Female	Metal	Cap Only	CAP-WBDFSMA2
M23	Receptacle	Male	Metal	Cap Only	CAP-WBHMSMA1

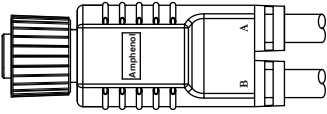
M12 T-Cable



10 Cable Length = (01) 1M ~ (99) 99M

Type	Type	Nominal Current	2 No. of Contacts	Male To Male	Female To Female	Male To Female
Metal	A-Code	4A	03, 04, 05	SS-2 2 00-MM0-TSA10	SS-2 2 00-FF0-TSA10	SS-2 2 00-MF0-TSA10
		2A	06, 08			
	B-Code	4A	05	SB-2 2 00-MM0-TSA10	SB-2 2 00-FF0-TSA10	SB-2 2 00-MF0-TSA10
	D-Code	4A	04	SD-2 2 00-MM0-TSA10	SD-2 2 00-FF0-TSA10	SD-2 2 00-MF0-TSA10
Plastic	I-Style	4A	05	SI-2 2 00-KK0-TSA10	SI-2 2 00-ZZ0-TSA10	SI-2 2 00-KZ0-TSA10
	A-Code	4A	03, 04, 05	PS-2 2 00-MM0-TSA10	PS-2 2 00-FF0-TSA10	PS-2 2 00-MF0-TSA10
		2A	06, 08			
	B-Code	4A	05	PB-2 2 00-MM0-TSA10	PB-2 2 00-FF0-TSA10	PB-2 2 00-MF0-TSA10
	D-Code	4A	04	PD-2 2 00-MM0-TSA10	PD-2 2 00-FF0-TSA10	PD-2 2 00-MF0-TSA10
	I-Style	4A	05	PI-2 2 00-KK0-TSA10	PI-2 2 00-ZZ0-TSA10	PI-2 2 00-KZ0-TSA10

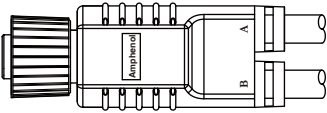
M12 Y-Cable Plastic



10 Cable Length = (01) 1M ~ (99) 99M

Type	Nominal Current	2 No. of Contacts	Male	Female
A-Code	4A	03, 04, 05	PS-2 0000-M00-YSB 10 *	PS-2 0000-F00-YSB 10 *
	2A	06, 08		
B-Code	4A	05	PB-2 0000-M00-YSB 10 *	PB-2 0000-F00-YSB 10 *
D-Code	4A	04	PD-2 0000-M00-YSB 10 *	PD-2 0000-F00-YSB 10 *
I-Style	4A	05	PI-2 0000-K00-YSB 10 *	PI-2 0000-Z00-YSB 10 *
			PI-2 0000-M00-YSB 10 *	PI-2 0000-F00-YSB 10 *

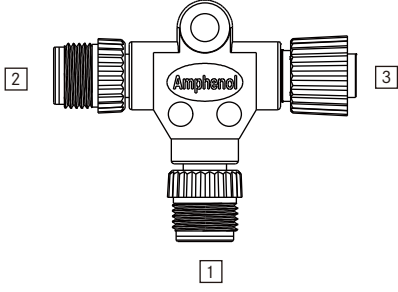
M12 Y-Cable Metal



10 Cable Length = (01) 1M ~ (99) 99M

Type	Nominal Current	2 No. of Contacts	Male	Female
A-Code	4A	03, 04, 05	SS-2 0000-M00-YSB 10	SS-2 0000-F00-YSB 10
	2A	06, 08		
B-Code	4A	05	SB-2 0000-M00-YSB 10	SB-2 0000-F00-YSB 10
D-Code	4A	04	SD-2 0000-M00-YSB 10	SD-2 0000-F00-YSB 10
I-Style	4A	05	SI-2 0000-K00-YSB 10	SI-2 0000-Z00-YSB 10
			SI-2 0000-M00-YSB 10	SI-2 0000-F00-YSB 10

M12 T-Adaptor Plastic

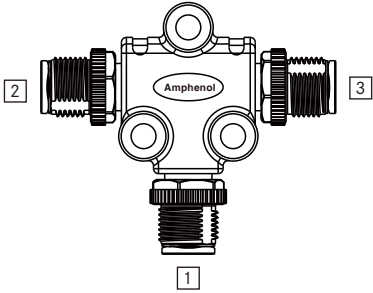


Choose Connector / Contact Gender:
5 For connector 1
6 For connector 2
7 For connector 3
A/B/D Code
M: Male + Male
F: Female + Female
I-Style
K: Connector (Male) + Contact (Male+Female)
Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS-2 2 2 2 -5 6 7 -TS001
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB-2 2 2 2 -5 6 7 -TS001*
D-Code	4A	04	PD-2 2 2 2 -5 6 7 -TS001*
I-Style	4A	05	PI-2 2 2 2 -5 6 7 -TS001*

* Upon Request

M12 T-Adaptor Metal



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

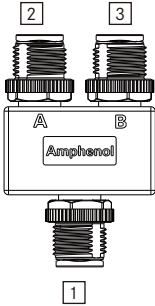
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	TA-A25-A26-A27-01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	TA-B25-B26-B27-01*
D-Code	4A	04	TA-D25-D26-D27-01*
I-Style	4A	05	SI-050505-567-TS001*

M12 Y-Adaptor Plastic



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

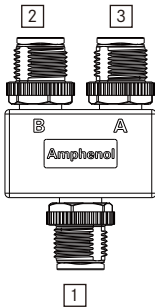
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS-222-567-YS001*
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB-222-567-YS001*
D-Code	4A	04	PD-222-567-YS001*
I-Style	4A	05	PI-050505-567-YS001*

M12 Y-Adaptor Metal



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

I Style

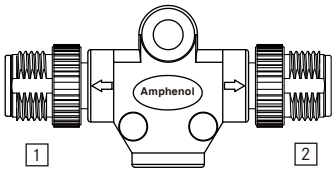
K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	YA-A25-A26-A27-01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	YA-B25-B26-B27-01
D-Code	4A	04	YA-D25-D26-D27-01*
I-Style	4A	05	SI-050505-567-YS001

* Upon Request

M12 I-Adaptor Plastic



Choose Connector / Contact Gender:

6 For connector 1

7 For connector 2

A/B/D Code

M: Male + Male

F: Female + Female

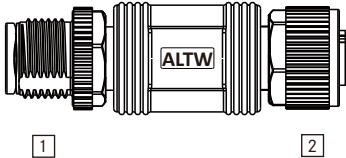
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS-00 2 2 -0 6 7 -IS001
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB-00 2 2 -0 6 7 -IS001*
D-Code	4A	04	PD-00 2 2 -0 6 7 -IS001*
I-Style	4A	05	PI-000505-0 6 7 -IS001*

M12 I-Adaptor Metal



Choose Connector / Contact Gender:

6 For connector 1

7 For connector 2

A/B/D Code

M: Male + Male

F: Female + Female

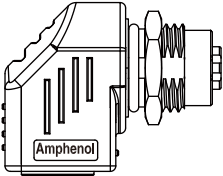
I Style

K: Connector (Male) + Contact (Male+Female)

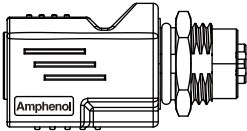
Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	IA-A 2 5 -A 2 6 -0000-01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	IA-B 2 5 -B 2 6 -0000-01*
D-Code	4A	04	IA-D 2 5 -D 2 6 -0000-01*
I-Style	4A	05	SI-000505-0 6 7 -IS001*

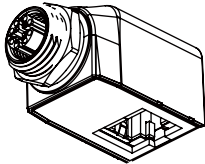
M12 To RJ45 Adaptor



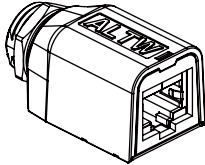
Right Angle



Straight



Right Angle

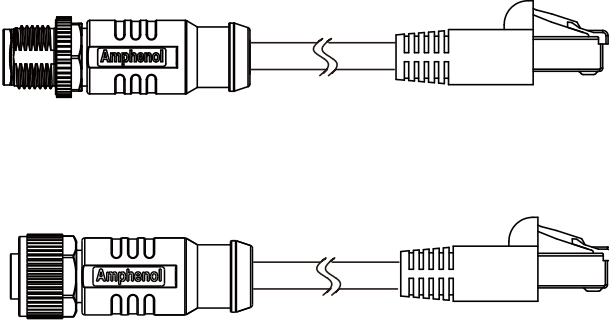


Straight

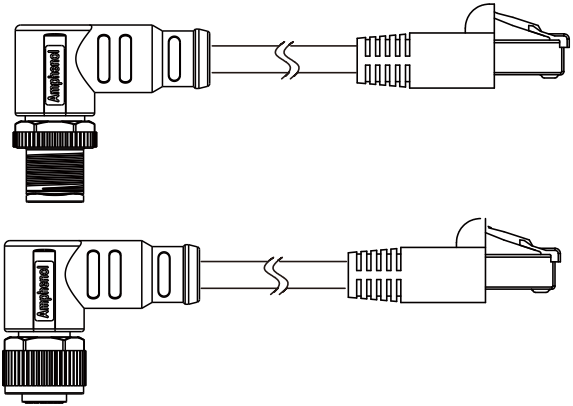
Type	Nominal Current	No. of Contacts	Gender	Straight / Right Angle	Part Number
D-Code	4A	04	Female	Straight	RJS-12D04FF-LS8001
				Right Angle	RJS-12D04FF-RS8001
			Male	Straight	RJS-12D04FM-LS8001
				Right Angle	RJS-12D04FM-RS8001
X-Code	0.5A	08	Female	Straight	RJS-12X08FF-LS7001
				Right Angle	RJS-12X08FF-RS7001

* Upon Request

M12 to RJ45 Cable



Straight



Right Angle

10 Cable Length = (A05) 0.5M, (001) 1M ~ (040) 40M

Type	Nominal Current	No. of Contacts	Gender	Straight / Right Angle	Part Number
A-Code	2A	08	M (Male) / F (Female)	Straight	MSAS08 3 L-SPBML-SE 10
				Right Angle	MSAS08 3 R-SPBML-SE 10
D-Code	4A	04	M (Male) / F (Female)	Straight	MSDS04 3 L-SPBML-SE 10
				Right Angle	MSDS04 3 R-SPBML-SE 10
X-Code	0.5A	08	M (Male) / F (Female)	Straight	MSXS08 3 L-SPBML-SX 10
			M (Male)	Straight	MSXS08 3 L-SPBML-PX 10
			M (Male) / F (Female)	Right Angle	MSXS08 3 R-SPBML-SX 10

MPronto-12 Kit - Unrivaed Push-Pull Connector For Self-Assembly



- ✓ Design Your Products With The Excellent MPronto-12 Kit. You Can Get All Benefits of MPronto-12.
- ✓ With The MPronto-12 Kit, You Still Can Use Any Materials & Do Your Own Cable Assembly.

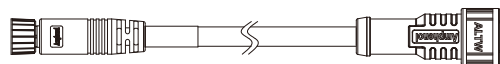
				Non-Shielded	Shielded
Solder Type	Type	No. of Contacts	Gender	Part Number	Part Number
	A-Code	03	Male	APPM-A03MAPAN-AS1*	APPM-A03MAPAS-AS1*
		04	Male	APPM-A04MAPAN-AS1*	APPM-A04MAPAS-AS1*
		05	Male	APPM-A05MAPAN-AS1	APPM-A05MAPAS-AS1*
		06	Male	APPM-A06MAPAN-AS1*	APPM-A06MAPAS-AS1*
		08	Male	APPM-A08MAPAN-AS1	APPM-A08MAPAS-AS1*
		10	Male	APPM-A10MAPAN-AS1*	APPM-A10MAPAS-AS1*
		12	Male	APPM-A12MAPAN-AS1	APPM-A12MAPAS-AS1*
		17	Male	APPM-A17MAPAN-AS1	APPM-A17MAPAS-AS1*
	B-Code	05	Male	APPM-A05MAPAN-BS1	APPM-A05MAPAS-BS1*
	D-Code	04	Male	APPM-A04MAPAN-DS1	APPM-A04MAPAS-DS1*
Crimp Type	X-Code	08	Male	-	APPM-A08MAPAS-XS1
	A-Code	03	Male	APPM-A03MAPAN-AC1*	APPM-A03MAPAS-AC1*
		04	Male	APPM-A04MAPAN-AC1*	APPM-A04MAPAS-AC1*
		05	Male	APPM-A05MAPAN-AC1*	APPM-A05MAPAS-AC1*
		06	Male	APPM-A06MAPAN-AC1*	APPM-A06MAPAS-AC1*
		08	Male	APPM-A08MAPAN-AC1*	APPM-A08MAPAS-AC1*
	B-Code	05	Male	APPM-A05MAPAN-BC1*	APPM-A05MAPAS-BC1*
	D-Code	04	Male	APPM-A04MAPAN-DC1*	APPM-A04MAPAS-DC1*
	X-Code	08	Male	-	APPM-A08MAPAS-XC1*

Customization - Upon Request

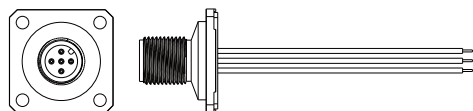
1. M8 / M12 Sensor Insert



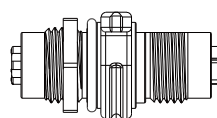
8. M8 To X-Lok



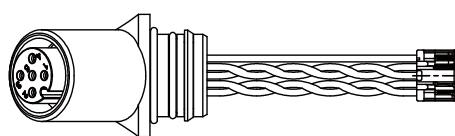
2. Square Receptacle



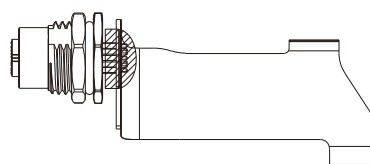
9. M12 Receptacle Feedthrough



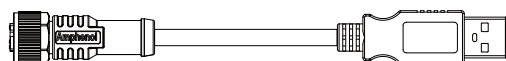
3. Metal Injection Molding



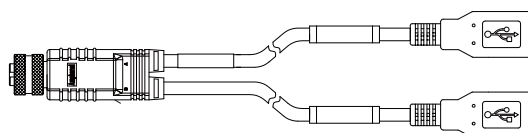
10. With FPC Termination



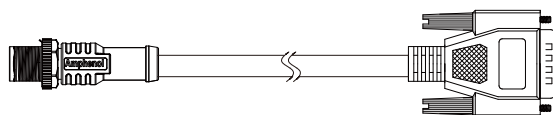
4. M12 To USB Plug



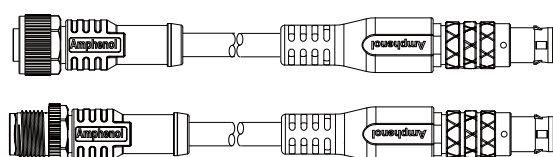
5. M12 To USB Jack Splitter

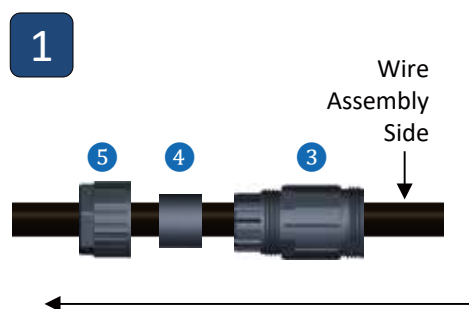


6. M12 To D-Sub

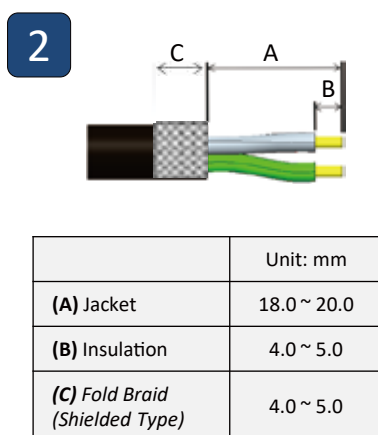


7. M12 To FLOS (FLOS+)

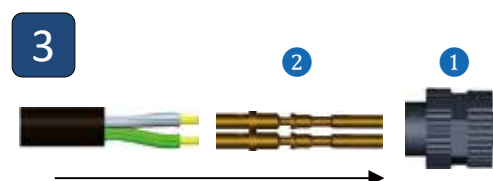




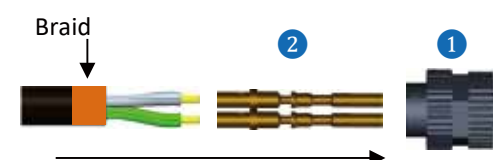
Follow the order from ⑤ to ③ and put components through cable accordingly, no need to assemble here.



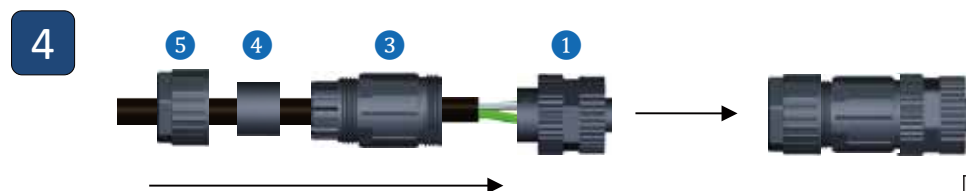
Follow suggested stripping length of (A) Jacket, (B) Insulation, (C) Fold Braid (For shielded type).



Terminate conductors onto crimp contacts and insert them into ① until you hear click sound.



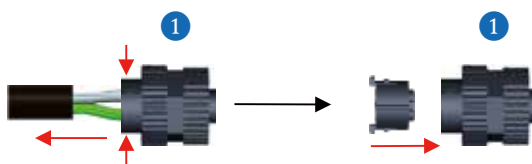
(For shielded type, follow the instruction above and wrap the braid with copper foil).



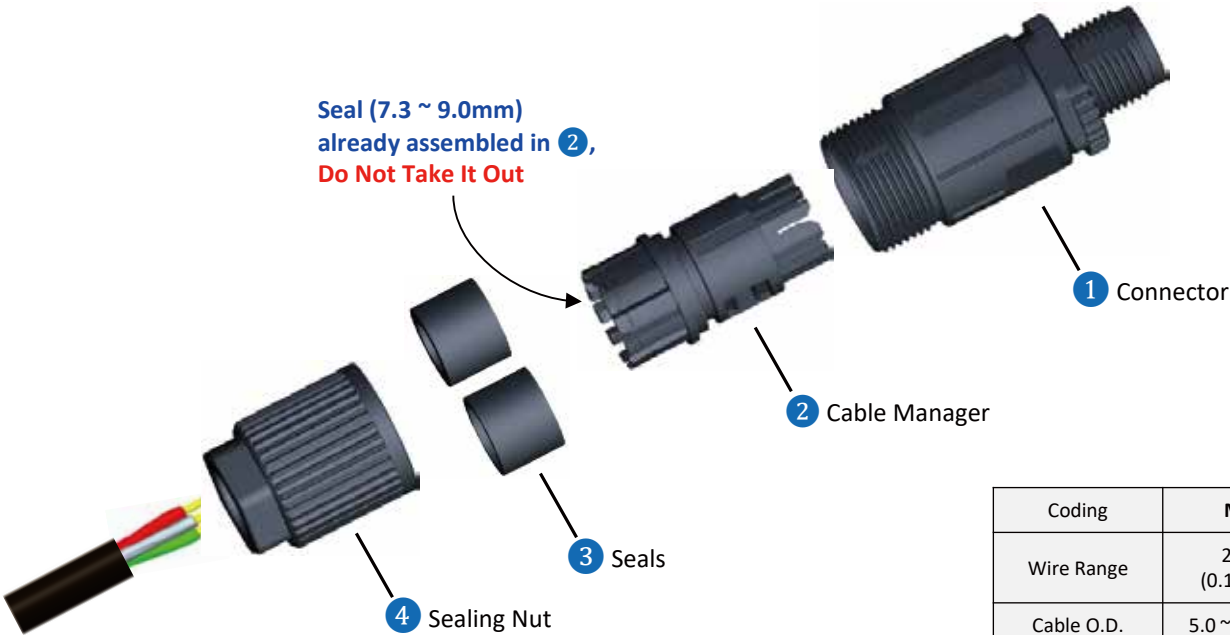
Follow the order ③ → ①, ④ → ③, ⑤ → ① to assemble all components. And tighten ① & ③, ③ & ⑤ with suggested torque force.

	① & ③	③ & ⑤
Torque Force (Unit: kgf-cm)	3.0 ~ 4.0	6.0 ~ 8.0

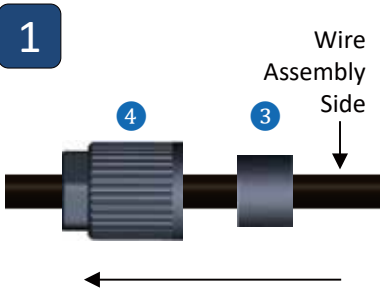
Tips For Re-working



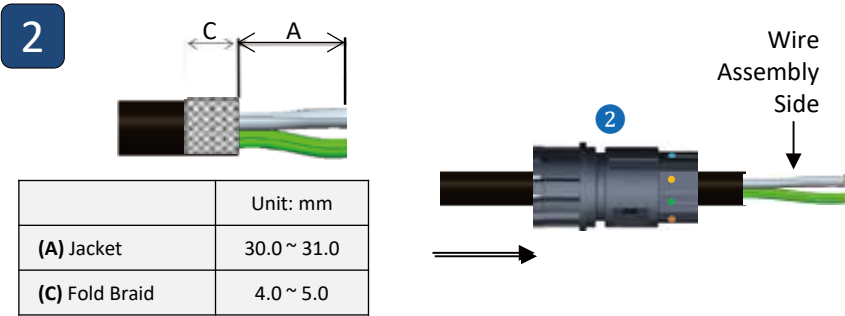
Pull cable while pressing the latches on the housing (red arrow) to disassemble housing & terminals. Assemble housing with ① then start to re-work from STEP 3.



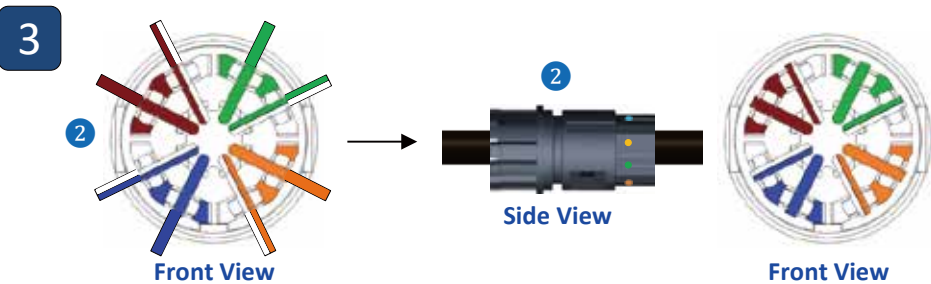
Coding	M12 X Code
Wire Range	26 ~ 22 AWG (0.14 ~ 0.34 mm ²)
Cable O.D. (Unit: mm)	5.0 ~ 6.0 (Black Seal) 6.1 ~ 7.2 (Gray Seal)



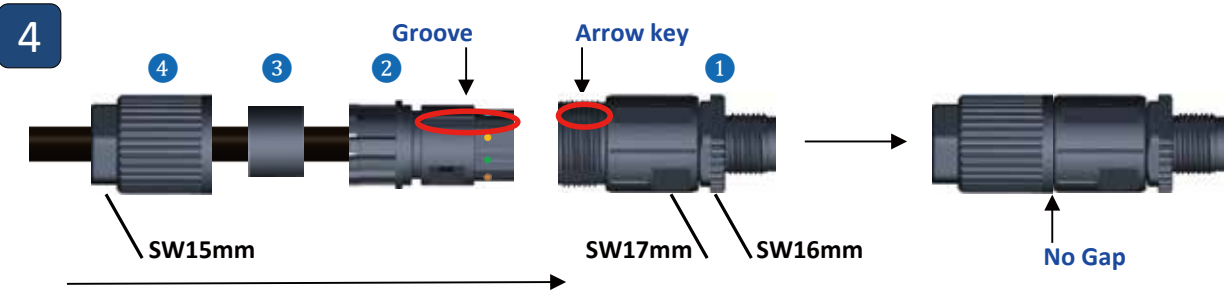
Choose ③ according to your cable O.D. and follow the order from ④ to ③ and put components through cable accordingly, no need to assemble here.



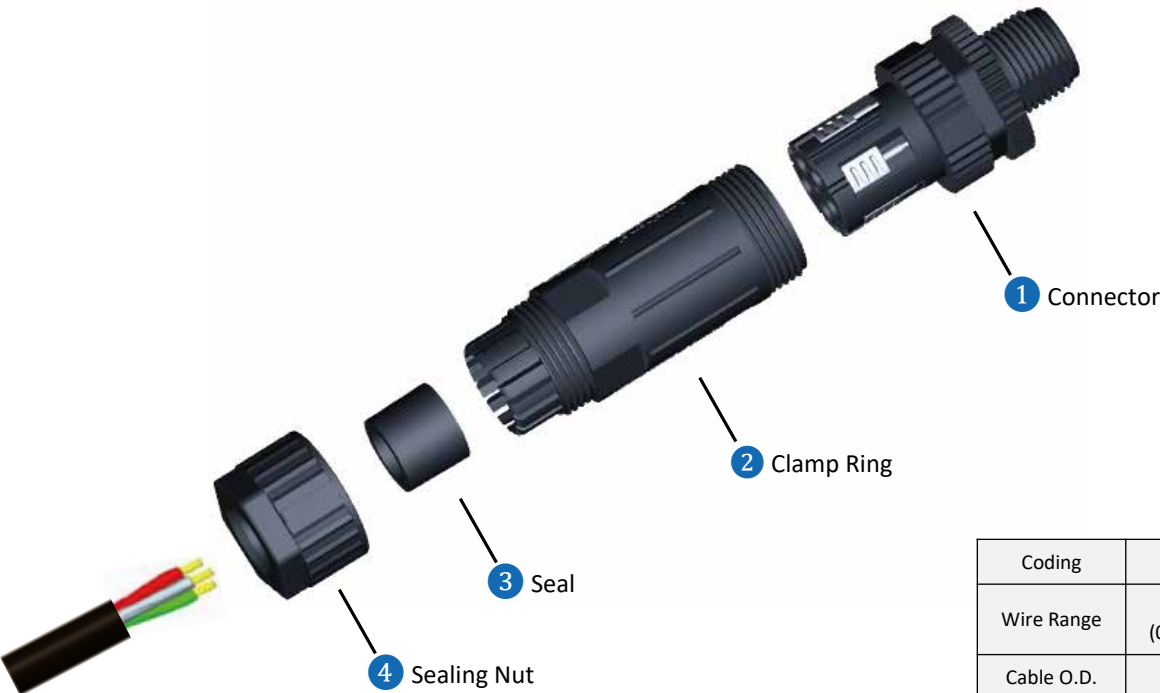
Follow suggested stripping length of (A) Jacket and (C) fold braid. Then insert cable through ② until you cannot push cable further.



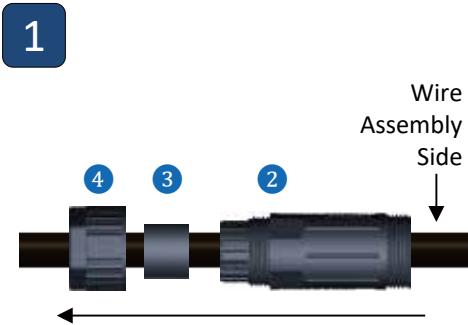
Rotate the cable and adjust the wire position by the color coding on ②, and place wires on cable holder accordingly. Cut off all the exceeding wires and the remaining wires should be less than 0.2mm.



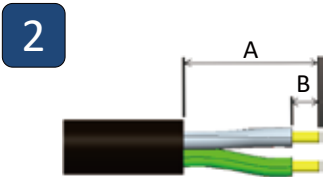
Follow the order ② → ①, ③ → ②, ④ → ① to assemble all components, make sure **Arrow Key** on ① and **Groove** on ② are aligned (See red circle). Tighten ④ onto ① and leave no gap.



Coding	M12 A Code
Wire Range	24 ~ 22AWG (0.25 ~ 0.34 mm ²)
Cable O.D. (Unit: mm)	4.0 ~ 7.5

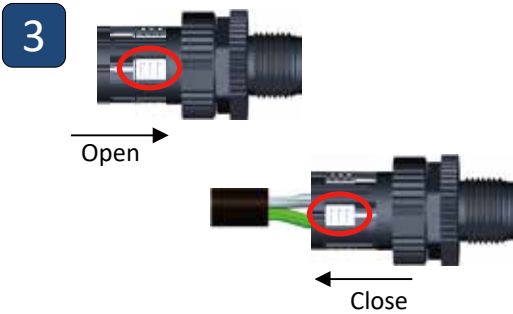


Follow the order from 4 to 2 and put components through cable accordingly, no need to assemble here.

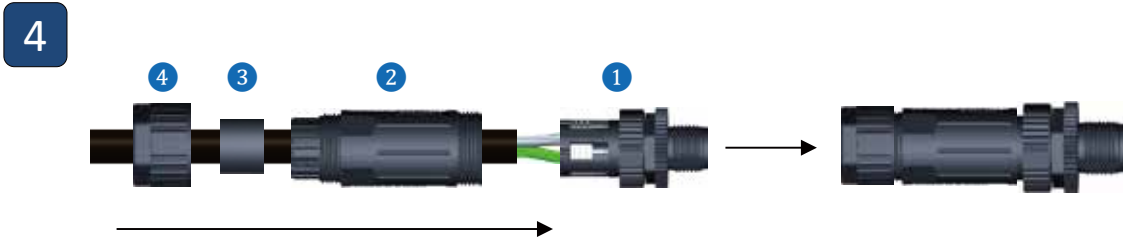


	Unit: mm
(A) Jacket	18.0 ~ 20.0
(B) Insulation	7.0 ~ 8.0

Follow suggested stripping length of (A) Jacket, (B) Insulation.

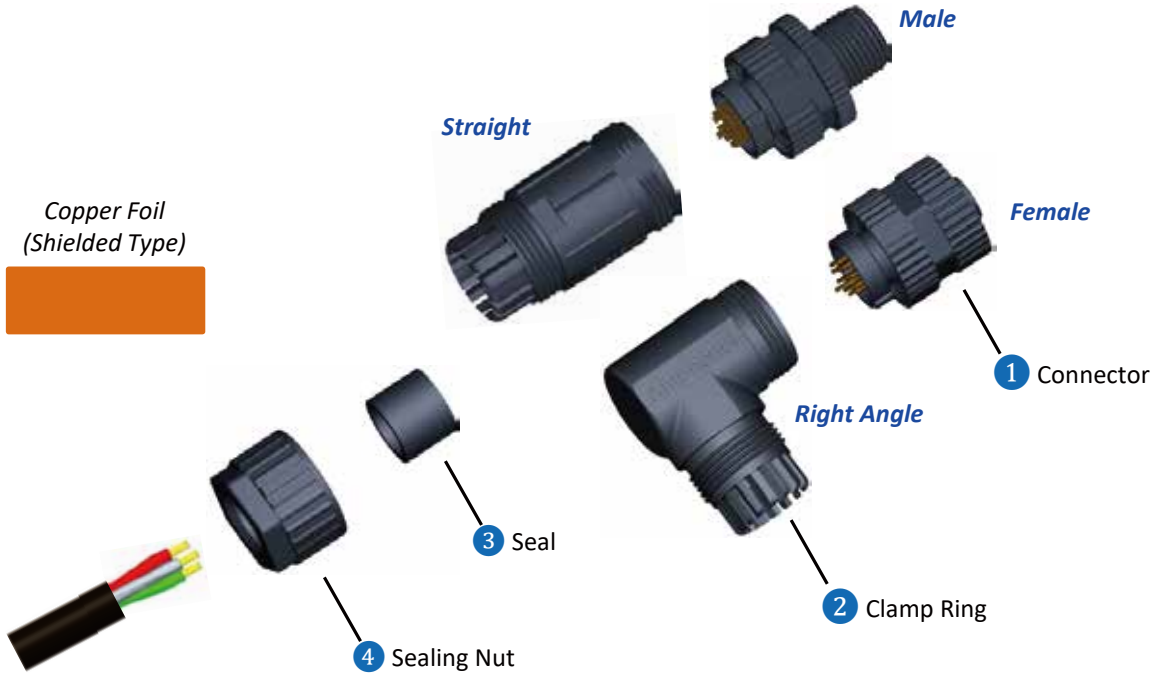


Make sure all latches are open (See figure above). Insert wires until the conductors are completely covered, and push latches backward to close.

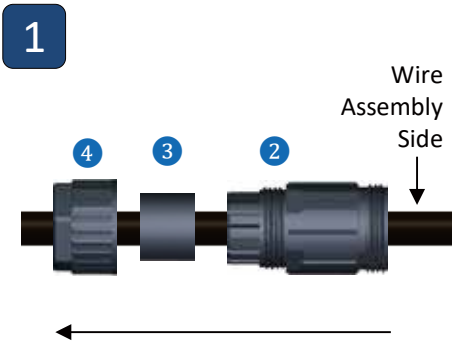


Follow the order 2 → 1, 3 → 2, 4 → 2 to assemble all components. And tighten 1 & 2, 2 & 4 with suggested torque force.

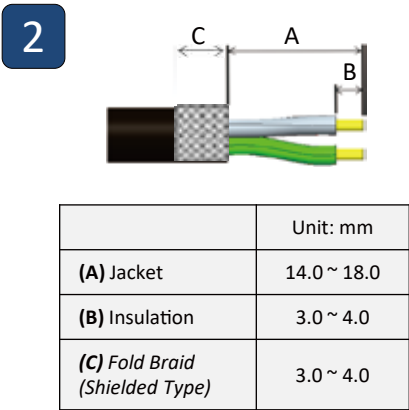
	1 & 2	2 & 4
Torque Force (Unit: kgf-cm)	3.0 ~ 4.0	6.0 ~ 8.0



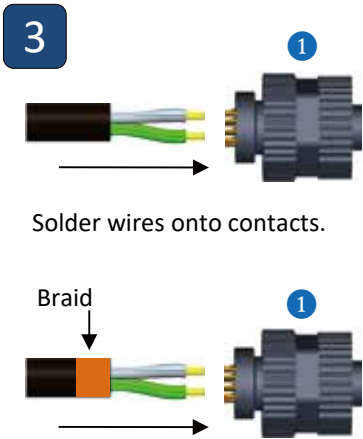
Coding	M12 A / B / D Code	M12 A Code	
Contact #	3 ~ 5 Pin	6 ~ 8 Pin	10 ~ 12 Pin
Wire Range	22 ~ 20 AWG (0.34 ~ 0.50 mm ²)	24 ~ 22 AWG (0.25 ~ 0.34 mm ²)	26 ~ 24 AWG (0.14 ~ 0.25 mm ²)
Cable O.D. (Unit: mm)	4.5 ~ 6.5	4.5 ~ 6.5	4.0 ~ 8.0



Follow the order from ④ to ② and put components through cable accordingly, no need to assemble here.

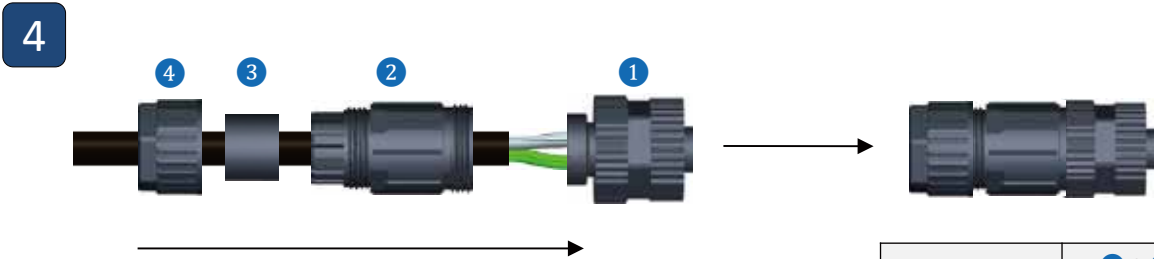


Follow suggested stripping length of (A) Jacket, (B) Insulation, (C) Fold Braid (For shielded type).



Solder wires onto contacts.

(For shielded type, follow the instruction above and wrap the braid with copper foil).

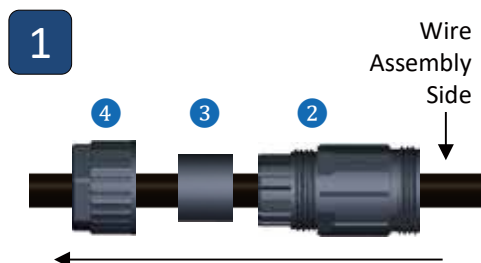


Follow the order ② → ①, ③ → ②, ④ → ② to assemble all components. And tighten ① & ②, ② & ④ with suggested torque force.

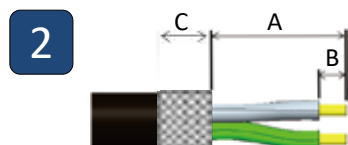
	① & ②	② & ④
Torque Force (Unit: kgf-cm)	3.0 ~ 4.0	6.0 ~ 8.0



Coding	M8 A Code	M12 A / B / D Code	M12 A Code	M12 S / T Code	M12 K / L Code
Contact #	3 ~ 4 Pin	3 ~ 5 Pin	6 ~ 8 Pin	4 Pin	5 Pin
Wire Range	24 ~ 22 AWG (0.25 ~ 0.34 mm ²)	22 ~ 20 AWG (0.34 ~ 0.50 mm ²)	26 ~ 24 AWG (0.14 ~ 0.25 mm ²)	20 ~ 16 AWG (0.50 ~ 1.50 mm ²)	16 ~ 14 AWG (1.50 ~ 2.50 mm ²)
Cable O.D. (Unit: mm)	4.5 ~ 6.5	4.5 ~ 6.5	4.5 ~ 8.0	8.0 ~ 10.0	8.0 ~ 10.0 (Black Seal) 10.1 ~ 12.0 (Gray Seal) 12.1 ~ 14.0 (Black Seal)

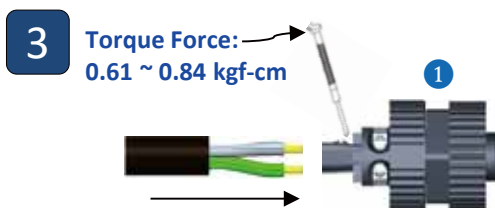


Follow the order from **4** to **2** and put components through cable accordingly, no need to assemble here.

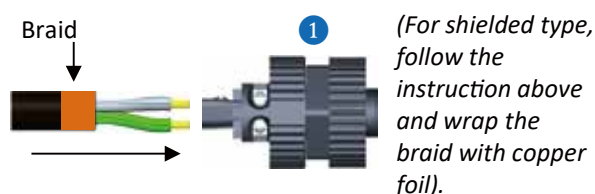


Follow suggested stripping length of **(A)** Jacket, **(B)** Insulation, **(C)** Fold Braid (For shielded type).

	M8	M12 A / B / D Code	M12 S / T Code	M12 K / L Code
(A) Jacket	8.0 ~ 12.0	14.0 ~ 18.0	28.0 ~ 32.0	29.0 ~ 31.0
(B) Insulation	3.0 ~ 4.0	5.0 ~ 6.0	8.0 ~ 9.0	5.0 ~ 6.0
(C) Fold Braid (Shielded Type)	-	5.0 ~ 6.0	-	-



Insert wires into contacts until the conductors are completely covered. Then tighten the screw by screw driver.



Follow the order **2** → **1**, **3** → **2**, **4** → **2** to assemble all components. And tighten **1** & **2**, **2** & **4** with suggested torque force.

	1 & 2	2 & 4
Torque Force (Unit: kgf-cm)	3.0 ~ 4.0	6.0 ~ 8.0

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011181	PVC	Black	SJTW	12AWG*2C+Filler	10.70	60.80	163.10
WCA00011226	PVC	Black	SJTW	12AWG*3C	11.20	89.60	222.90
WCA00011182	PVC	Black	SJTW	12AWG*3C+Filler	11.70	89.85	207.67
WCA00011243	PVC	Black	UL2464	12AWG*3C+Filler	10.00	90.00	164.40
WCA00011242	PVC	Black	UL2464	12AWG*4C+Filler	11.00	120.40	228.70
WCA00012002	PVC	Black	SJTW	12AWG*4C+Filler	12.30	122.00	293.00
WCA00011183	PVC	Black	SJTW	12AWG*5C+Filler	13.60	149.50	328.90
WCA00010846	PVC	Black	UL1277, UL1581&UL83	14AWG*3C	9.70	53.80	134.20
WCA0485XX01	PVC	Black	UL2464	14AWG*3C+Talcum	7.00	55.80	100.10
WCA00011884	PU	Black	UL20234	14AWG*5C+Filler+Paper	10.00	115.70	180.00
WCA00012012	PU	Black	UL20234	14AWG*5C+Filler+Paper	10.00	115.70	180.00
WCA00011201	PVC	Black	UL21388	16AWG*2C+AL/Mylar	8.20	23.80	60.20
WCA00011206	PVC	Black	SJTW	16AWG*2C+Filler	8.20	24.25	85.10
WCA0264UV01	PVC	Black	UL2464	16AWG*2C+Talcum	5.80	23.80	57.70
WCA00010942	PVC	Black	UL2464	16AWG*2C+Talcum	7.80	24.20	95.00
WCA00010625	PVC	Black	UL2464	16AWG*3C+AL.Mylar+Drain	7.50	46.80	96.60
WCA00011202	PVC	Black	UL21388	16AWG*3C+AL/Mylar	8.60	35.70	71.50
WCA0579UV01	PVC	Black	UL2464	16AWG*3C+Drain+AL.Mylar	7.50	46.70	97.90
WCA00011207	PVC	Black	SJTW	16AWG*3C+Filler	8.60	36.02	105.21
WCA0285UV01	PVC	Black	UL2464	16AWG*4C+AL.Mylar	7.50	47.60	99.90
WCA00011203	PVC	Black	UL21388	16AWG*4C+AL/Mylar	9.30	47.60	88.40
WCA00011208	PVC	Black	SJTW	16AWG*4C+Filler	9.30	49.00	131.50
WCA00011204	PVC	Black	UL21388	16AWG*5C+AL/Mylar	10.70	59.40	99.80
WCA0263UV01	PVC	Black	UL2464	16AWG*5C+Talcum	7.80	59.50	108.80
WCA00011205	PVC	Black	UL21388	16AWG*6C+AL/PET	11.70	71.30	123.30
WCA0582UV01	PVC	Black	UL2464	16AWG*6C+Filler+Drain+AL.Mylar	9.50	82.10	153.60
WCA0583UV01	PVC	Black	UL2464	16AWG*7C+Drain+AL.Mylar	9.50	93.60	175.70
WCA00011299	PVC	Black	UL2464	18AWG*10C	9.00	77.00	145.00
WCE00010070-43	PVC	Black	UL21996	18AWG*2C+Talcum	3.4*5.3	14.82	36.97
WCE00010074-43	PVC	White	UL21996	18AWG*2C+Talcum	3.4*5.3	14.82	36.97
WCA00010897	PVC	Black	UL1277, UL15, 81&UL83	18AWG*3C	8.50	21.30	81.93
WCA00011209	PVC	Black	SJTW	18AWG*3C+Filler	8.00	21.30	81.93
WCA00010898	PVC	Black	UL1277, UL15, 81&UL83	18AWG*4C	9.20	35.00	125.00
WCE00010071-43	PVC	Black	UL21996	18AWG*4C+Talcum	3.4*9.2	29.64	68.14
WCE00010075-43	PVC	White	UL21996	18AWG*4C+Talcum	3.4*9.2	29.64	68.14
WCA00011240	PVC	Black	UL2464	20AWG*10C+AL.Mylar+Filler	9.00	48.00	116.40
WCA00011192	PVC	Black	UL21388	20AWG*10C+AL/Mylar	8.50	48.00	109.70
WCA00011436	PVC	Black	UL2464	20AWG*12C+AL.Mylar+Filler	9.00	57.60	125.10
WCA00011193	PVC	Black	UL21388	20AWG*12C+AL/Mylar	8.50	57.60	121.70
WCA00011200	PVC	Black	UL21388	20AWG*14C+AL/Mylar	8.50	67.20	130.60
WCA0470XX01	PVC	Black	UL2464	20AWG*14C+Braid	9.50	87.90	161.30
WCA0153XX01	PVC	Black	UL2464	20AWG*18C+AL.Mylar	9.50	86.40	154.20
WCA00011581-43	PVC	Black	UL 21996	20AWG*2C	5.20	9.40	34.02
WCA00011194	PVC	Black	UL21388	20AWG*18C+AL/Mylar	10.00	86.40	174.70
WCA00010781	PVC	Black	UL2464	20AWG*2C+AL.Mylar+Braid	5.50	17.70	41.60
WCA00011184	PVC	Black	UL21388	20AWG*2C+AL/Mylar	5.50	9.60	27.40
WCA0124UV01	PVC	Black	UL2464	20AWG*2C+Drain+AL.Mylar	5.80	14.40	48.40
WCE00010072-43	PVC	Black	UL21996	20AWG*2C+Talcum	3.2*5.0	14.10	41.45
WCE00010076-43	PVC	White	UL21996	20AWG*2C+Talcum	3.2*5.0	14.10	41.45
WCA00011580-43	PVC	Black	UL 21996	20AWG*3C	5.50	14.10	41.45
WCA0489UV01	PVC	Black	UL2464	20AWG*3C+AL.Mylar	5.00	14.40	39.30
WCA00010602	PVC	Black	UL2464	20AWG*3C+AL.Mylar+Braid+Drain	5.50	29.20	61.90
WCA00011185	PVC	Black	UL21388	20AWG*3C+AL/Mylar	5.50	14.40	43.70
WCA00011548-43	PVC	Black	UL 21996	20AWG*4C	6.00	18.80	48.46
WCA00011186	PVC	Black	UL21388	20AWG*4C+AL/Mylar	6.00	19.20	51.40
WCA0575UV01	PVC	Black	UL2464	20AWG*4C+Drain+AL.Mylar	5.50	24.00	52.10
WCE00010073-43	PVC	Black	UL21996	20AWG*4C+Talcum	3.2*8.5	18.80	53.34
WCE00010077-43	PVC	White	UL21996	20AWG*4C+Talcum	3.2*8.5	18.80	53.34
WCA00011187	PVC	Black	UL21388	20AWG*5C+AL/Mylar	6.20	24.00	59.20
WCA0576UV01	PVC	Black	UL2464	20AWG*5C+Drain+AL.Mylar	6.00	28.80	62.70
WCA00011188	PVC	Black	UL21388	20AWG*6C+AL/Mylar	6.80	28.80	71.80
WCA0577UV01	PVC	Black	UL2464	20AWG*6C+Drain+AL.Mylar	6.50	33.60	76.80
WCA00011189	PVC	Black	UL21388	20AWG*7C+AL/Mylar	6.80	33.60	75.80
WCA00010049	PVC	Black	UL2464	20AWG*7C+Drain+AL.Mylar	6.50	38.40	74.80
WCA00010550	PVC	Black	UL2464	20AWG*8C+AL.Mylar+Drain+Filler	6.80	43.00	86.00

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011190	PVC	Black	UL21388	20AWG*8C+AL/Mylar	7.20	38.40	87.00
WCA00011489-28	PVC	Black	UL2464	20AWG*9C+AL.Mylar+Drain	7.40	48.50	101.80
WCA00011191	PVC	Black	UL21388	20AWG*9C+AL/Mylar	7.60	43.20	97.30
WCA00010868	PVC	Black	UL2464	22AWG*2C+Talcum	4.20	6.20	24.60
WCA00011339	PVC	Yellow	UL2517	22AWG*3C	4.50	9.00	31.50
WCA00011343	PU	Black	UL20549	22AWG*3C	3.80	9.00	26.00
WCA00011459-28	PVC	Black	UL2517	22AWG*3C	4.50	9.30	31.00
WCA00010063	PU	Black	NONUL	22AWG*3C+Talcum	4.50	9.00	26.40
WCA0570UV01	PVC	Black	UL2464	22AWG*3C+Talcum	5.00	9.30	35.20
WCA00011340	PVC	Yellow	UL2517	22AWG*4C	4.80	11.70	40.00
WCA00011344	PU	Black	UL20549	22AWG*4C	4.00	12.00	31.80
WCA00011460-28	PVC	Black	UL2517	22AWG*4C	4.80	12.00	38.00
WCA00011813-01	PVC	Black	UL2517	22AWG*4C+AL.Mylar+Braid	5.30	22.00	46.00
WCA00011872	PU	Black	UL20549	22AWG*4C+AL.Mylar+Braid+Paper	5.30	22.00	48.00
WCA00010062	PU	Black	NONUL	22AWG*4C+Insulation	4.80	12.00	29.40
WCA0571UV01	PVC	Black	UL2464	22AWG*4C+Talcum	5.00	12.40	38.60
WCA00011341	PVC	Yellow	UL2517	22AWG*5C	5.10	15.50	43.80
WCA00011687-01	PVC	Black	UL2517	22AWG*5C+AL.Mylar+Filler+Braid	5.70	26.00	58.00
WCA00011345	PU	Black	UL20549	22AWG*5C+Filler	4.40	15.00	43.50
WCA00011461-28	PVC	Black	UL2517	22AWG*5C+Filler	5.10	15.00	43.00
WCA00011870	PU	Black	UL20549	22AWG*5C+Filler+AL.Mylar+Braid+Paper	5.70	26.00	51.00
WCA00012245	PU	Black	UL20549	22AWG*5C+Filler+Paper	5.60	19.00	51.00
WCA00010061	PU	Black	NONUL	22AWG*5C+Filler+Talcum+Paper	5.00	15.50	38.50
WCA0352XX02	PU	Black	NONUL	22AWG*5C+Talcum	5.00	15.50	47.50
WCA0521UV01	PVC	Black	UL2464	22AWG*5C+Talcum	5.50	15.50	47.50
WCA0556UV01	PVC	Black	UL2464	24AWG*10C+Drain+AL.Mylar	6.50	22.00	63.80
WCA0557UV01	PVC	Black	UL2464	24AWG*12C+Drain+AL.Mylar	7.00	26.00	72.30
WCA0558UV01	PVC	Black	UL2464	24AWG*14C+Drain+AL.Mylar	7.00	30.00	77.10
WCA0465UV01	PVC	Black	UL2464	24AWG*15C+Drain+AL.Mylar	7.00	32.00	77.60
WCA0560UV01	PVC	Black	UL2464	24AWG*18C+Drain+AL.Mylar	8.00	38.00	100.70
WCA0284UV01	PVC	Black	UL2464	24AWG*25C+Drain+AL.Mylar	9.00	51.90	130.90
WCA0072UV01	PVC	Black	UL2464	24AWG*2C+Drain+AL.Mylar	4.20	6.00	24.00
WCA0027UV01	PVC	Black	UL2464	24AWG*2C+Talcum	4.20	4.00	22.70
WCA00010114	PVC	Black	UL2464	24AWG*37C+Drain+AL/Mylar	9.50	74.00	153.20
WCA00011746-03	PVC	Black	UL2517	24AWG*3C+AL.Mylar+Braid	4.60	13.10	31.30
WCA0549UV01	PVC	Black	UL2464	24AWG*3C+Drain+AL.Mylar	4.50	8.00	29.00
WCA0006UV01	PVC	Black	UL2464	24AWG*3C+Talcum	4.50	6.00	27.70
WCA00011726-03	PVC	Black	UL2517	24AWG*4C+AL.Mylar+Braid	5.00	16.40	38.50
WCA0219UV01	PVC	Black	UL2464	24AWG*4C+Drain+AL.Mylar	5.80	10.00	45.60
WCA0036UV01	PVC	Black	UL2464	24AWG*4C+Talcum	5.00	8.00	32.40
WCA00011584-43	PVC	Black	UL21996	24AWG*5C	5.50	9.88	41.20
WCA0551UV01	PVC	Black	UL2464	24AWG*5C+Drain+AL.Mylar	5.00	12.00	37.00
WCA0229UV01	PVC	Black	UL2464	24AWG*5C+Talcum	5.00	10.00	34.40
WCA00011583-43	PVC	Black	UL21996	24AWG*6C	5.80	11.86	45.21
WCA00011214	PVC	Black	UL2464	24AWG*6C+AL.Mylar	5.00	12.00	39.40
WCA0217UV01	PVC	Black	UL2464	24AWG*6C+Drain+AL.Mylar	5.80	14.00	45.00
WCA00011479-28	PVC	Black	UL2517	24AWG*6C+Filler	5.00	12.00	40.00
WCA00012067	PVC	Black	UL21388	24AWG*6C+Filler+AL.Mylar	5.20	11.40	35.40
WCA00011421	PVC	Yellow	UL2517	24AWG*6C+Filler+Talcum	5.00	17.60	49.20
WCA00011422	PU	Black	UL20549	24AWG*6C+Filler+Talcum	5.00	13.00	34.00
WCA0087UV01	PVC	Black	UL2464	24AWG*7C+Drain+AL/Mylar	5.80	16.00	51.00
WCA00011342	PVC	Yellow	UL2517	24AWG*8C	5.50	15.50	48.00
WCA00011346	PU	Black	UL20549	24AWG*8C	4.80	15.50	35.00
WCA00011462-28	PVC	Black	UL2517	24AWG*8C	5.50	15.50	48.00
WCA00011698-01	PVC	Black	UL2517	24AWG*8C+AL.Mylar+Filler+Braid	5.80	27.00	60.00
WCA0003UV01	PVC	Black	UL2464	24AWG*8C+Drain+AL/Mylar	5.50	18.00	45.70
WCA00012066	PVC	Black	UL21388	24AWG*8C+Filler+AL.Mylar	5.60	15.20	43.40
WCA00011814-01	PU	Black	UL20549	24AWG*8C+Filler+AL.Mylar+Braid+Paper	5.80	26.00	51.00
WCA00012341	PU	Black	UL20549	24AWG*8C+Filler+Paper	6.70	19.00	65.00
WCA0203UV01	PVC	Black	UL2464	24AWG*8C+Talcum	5.50	16.00	45.30
WCA0528UV01	PVC	Black	UL2464	24AWG*9C+Drain+AL.Mylar	6.00	20.00	54.80
WCA0540UV01	PVC	Black	UL2464	26AWG*6C+Drain+AL.Mylar	5.00	9.80	33.70
WCA0543UV01	PVC	Black	UL2464	26AWG*10C+Drain+AL.Mylar	6.00	15.00	50.30
WCA00011400	PU	Black	UL20549	26AWG*10C+Filler	6.00	14.00	48.00
WCA00011401	PVC	Yellow	UL2517	26AWG*10C+Filler	6.00	14.00	52.00

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011463-01	PVC	Black	UL2517	26AWG*10C+Filler	6.00	14.00	52.00
WCA00011380	PU	Black	UL20549	26AWG*12C	6.00	16.00	47.00
WCA00011402	PVC	Yellow	UL2517	26AWG*12C	6.00	17.00	54.00
WCA00011464-01	PVC	Black	UL2517	26AWG*12C	6.00	17.00	55.00
WCA00011782-01	PVC	Black	UL2517	26AWG*12C+AL.Mylar+Braid	6.40	25.00	63.00
WCA00011871	PU	Black	UL20549	26AWG*12C+AL.Mylar+Braid+Paper	6.40	28.00	60.00
WCA0544UV01	PVC	Black	UL2464	26AWG*12C+Drain+AL.Mylar	6.00	17.60	53.10
WCA0545UV01	PVC	Black	UL2464	26AWG*15C+Drain+AL.Mylar	6.50	21.50	58.70
WCA00012148	PU	Black	UL20549	26AWG*17C+Filler	7.00	23.00	63.00
WCA00012173	PVC	Yellow	UL2517	26AWG*17C+Filler	7.00	24.00	73.00
WCA00012149	PVC	Black	UL2517	26AWG*17C+Filler	7.00	24.00	68.00
WCA00012151	PVC	Black	UL2517	26AWG*17C+Filler+AL.Mylar+Braid	7.50	40.00	91.00
WCA00012150	PU	Black	UL20549	26AWG*17C+Filler+AL.Mylar+Braid+Paper	7.50	39.00	80.00
WCA00010045	PVC	Black	UL2464	26AWG*22C+Drain+AL.Mylar	7.50	29.90	78.10
WCA0546UV01	PVC	Black	UL2464	26AWG*26C+Drain+AL.Mylar	8.00	35.80	91.30
WCA0449UV01	PVC	Black	UL2464	26AWG*31C+Drain+AL.Mylar	9.00	42.30	117.40
WCA0481UV01	PVC	Black	UL2464	26AWG*3C+Drain+AL.Mylar	4.00	5.20	22.40
WCA0547UV01	PVC	Black	UL2464	26AWG*44C+Drain+AL.Mylar	10.50	59.20	157.10
WCA0487UV01	PVC	Black	UL2464	26AWG*4C+Drain+AL.Mylar	4.80	7.20	30.80
WCA0486UV01	PVC	Black	UL2464	26AWG*5C+Drain+AL.Mylar	4.80	8.50	33.00
WCA00011480-01	PU	Black	-	CAT. 5E 22AWG*2P+Drain+Filler+AL.Mylar	6.20	14.00	44.00
WCA00011527-17	LSZH	Green	-	CAT. 6A S/FTP 26AWG*4P+AL/Polyester+Braid	6.60	17.99	47.08
WCA00010840	PVC	Black	-	CAT5E FTP 24AWG*4P+Mylar+D+AL.Mylar	6.50	17.97	47.34
WCA0373XX01	PVC	Beige	-	CAT5E FTP 24AWG*4P+Mylar+D+AL.Mylar	6.00	18.00	41.80
WCA0664UV01	PVC	Black	-	CAT5E FTP 24AWG*4P+Mylar+D+AL/Mylar	6.50	18.00	52.30
WCA0459XX01	PVC	Beige	-	CAT5E S-FTP 24AWG*4P+Mylar+AL.Mylar+D+B	6.10	30.97	55.00
WCA0663UV01	PVC	Black	-	CAT5E UTP 24AWG*4P	6.00	16.00	49.40
WCA00011688-03	PVC	Yellow	-	CL2 22AWG*2C+AL.Mylar+Drain+Braid	5.80	16.70	49.80
WCA0611XX01	PVC	Black	-	SJTW 14AWG*3C	9.50	56.70	154.50
WCA00010369	PVC	Black	-	STOOW 16AWG*4C	10.60	49.00	181.00
WCA00010899	PVC	Black	UL1277, UL1581, UL83	14AWG*3C+16AWG*1C	10.30	68.48	172.00
WCA00011252	PU	Black	UL20549	18AWG*2C+22AWG*4C+Filler+Paper	6.00	27.50	63.00
WCA00011253	PU	Black	UL20549	18AWG*2C+22AWG*6C+Filler+Paper	7.40	33.60	83.00
WCA00011254	PU	Black	UL20549	18AWG*2C+22AWG*8C+Filler+Paper	8.20	40.00	98.00
WCA00011582-43	PVC	Black	UL 21996	20AWG*2C+20AWG*3C	6.00	15.33	50.21
WCA0585UV01	PVC	Black	UL2464	24AWG*4C+20AWG*2C+Drain+AL.Mylar	6.00	22.40	57.40
WCA0042UV01	PVC	Black	UL2464	24AWG*6C+20AWG*2C+Drain+AL.Mylar	6.00	26.20	58.50
WCA0584UV01	PVC	Black	UL2464	26AWG*6C+24AWG*2C+Drain+AL.Mylar	5.50	13.70	42.80
WCA0365UV01	PVC	Black	-	28AWG*1P+24AWG*2C+AL.Mylar+Drain+Braid (USB2.0)	5.00	11.90	35.10
WCA00012165	PVC	Black	UL2725	28AWG*1P+28AWG*2C+AL.Mylar+Drain+Braid	3.80	10.00	21.00
WCA0691XX01	PVC	Black	UL2725	28AWG*1P+28AWG*3C+AL.Mylar+Drain+Braid	3.80	10.40	23.20
WCA00010259	PVC	Black	UL20276	[(18AWG*1P+AL)+(16AWG*1P+AL)]+Drain+AL+Braid	10.00	73.00	152.00
WCA00011922	PVC	Black	UL21996	(20AWG*1P+Drain+AL.Mylar)+16AWG*3C+Filler+AL.Mylar	8.50	50.61	115.27
WCA00010258	PVC	Black	-	[(22AWG+1P+AL)+(18AWG+1P+AL)]+Drain+AL.Mylar+Braid	7.00	42.00	80.00
WCA00010876	PVC	Black	UL2586	(24AWG*1P+A)*2C+16AWG*3C+EA	10.00	47.00	128.00
WCA00010257	PVC	Black	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+AL.Mylar+Braid	6.00	27.00	58.00
WCA00011350	PVC	Black	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+AL.Mylar+Braid	6.70	29.70	65.80
WCA00010437	PVC	Gray	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+Braid+Mylar	7.10	14.80	69.80
WCA00010080	PVC	Black	UL2464	(24AWG*25C+Mylar)+24AWG*25C+Drain+AL.Mylar	12.00	110.00	285.00
WCA00010710	PVC	Black	UL2464	(24AWG*2P+Drain+AL)+16AWG*3C+Filler+Paper	12.00	45.70	179.10
WCA00011923	PVC	Black	UL21996	(24AWG*2P+Drain+AL.Mylar)+12AWG*3C+Filler+AL.Mylar	11.50	99.97	187.20
WCA00010635	PVC	Black	UL2464	(24AWG*4P+Drain+AL)+16AWG*3C+Filler+Paper	11.00	41.70	149.70
WCA00010264	PVC	Black	UL20276	(26AWG*1P+Drain+AL.Mylar)*4C+26AWG*1P+26AWG*5C+AL.Mylar+Braid	8.50	45.50	94.30
WCA00011530-43	PVC	Black	UL21996	(26AWG*2P+AL.Mylar)+16AWG*2C+Filler+AL.Mylar	9.30	28.54	106.26
WCA00011531-43	PVC	Black	UL21996	(26AWG*2P+Drain+AL.Mylar)+16AWG*3C+Filler+AL.Mylar	11.00	41.58	146.60
WCA00011532-43	PVC	Black	UL21996	(26AWG*4P+Drain+AL.Mylar)+12AWG*3C+Filler+AL.Mylar	13.50	101.34	269.21
WCA00012137	PVC	Black	UL2725	(28AWG*1P+DAM)*2+28AWG*1P+28AWG*2C+Filler+AL.Mylar+Drain+Braid	6.00	21.80	48.20
WCA00010095	PVC	Black	UL20276	(28AWG*1P+Drain+AL+Mylar)*4C+(1P+3C)*28AWG+AL+Braid	7.30	33.90	73.70
WCA00010097	PVC	Black	UL20276	(28AWG*1P+Drain+AL+Mylar)*7C+28AWG*1P+28AWG*3C+AL+Braid	8.50	41.40	90.90
WCA00010081	PVC	Black	UL2464	[(28AWG*28C+Mylar)+28AWG*22C+Mylar]+28AWG*28C+Drain+AL	13.00	63.70	238.40
WCA00010096	PVC	Black	UL20276	[3COAX+(28AWG*1P+Drain+AL.Mylar+Mylar)*4+28AWG*1P+28AWG*6C]+AL.Mylar+Braid	8.50	53.50	93.10
WCA00010098	PVC	Black	UL20276	[3COAX+(28AWG*1P+Drain+AL+Mylar)*7+28AWG*1P+28AWG*6C]+AL+Braid	10.00	71.00	145.50
WCA00011960	PU	Black	UL20233	5C*2.5mm ² +Filler+Paper	10.20	116.00	191.00
WCA00011175	PU	Black	UL20549	8C*0.34mm ² +3C*1.0mm ² +Filler	8.60	54.00	116.00
WCA00011176	PU	Black	UL20549	16C*0.34mm ² +3C*1.0mm ² +Filler	9.70	79.00	161.00

Power-limited Circuit Cable

Specifications

- Rated Voltage: 300V
- Temperature Range: FEP: 70°C
PVC: 60°C, 75°C
- Test Voltage: 900V AC at 2 seconds
- Conductor Range: 28AWG ~ 10AWG
- Conductor Material Available: Standard Bare Copper
- Insulator Material Available: FEP/PVC
- Jacket Material: FEP/PVC
- O.D. Tolerance: > Ø17.8 mm



(UL) E489959-N CLXX XX AWG XX°C 300V

CLXX: UL13 Cable Type
 • Plenum Rated: (2P), (3P)
 • Riser Rated: (2R), (3R)
 • General Rated: (2), (3)
 • Residential Rated: (2X), (3X)

XX°C: Temperature Rating
 • FEP: (70)
 • PVC: (60), (75)

Features & Applications:

Type	Fire Resistance Level	UL Standard	CSA	Application
CL3P CL2P	Plenum Rated (Highest)	UL 910, CMP	FT6	• Ducts or plenums air handling space
CL3R CL2R	Riser Rated	UL 1666, CMR	-	• Vertical shafts in non-plenum areas • Cable runs through more than one floor
CL3 CL2	General Purpose Rated	UL 1685, CMG/CM	FT4	• Power-limited circuit cable in non-plenum areas • Cable runs within one floor
CL3X CL2X	Residential Rated (Lowest)	VW-1, CMX	-	• Enclosed in non-plenum raceway or noncombustible tubing • Cable runs within one floor

Notes: UL File Number E489959; round or flat cable available

Find Our Standard Products

Part Number		WCA00011262	WCA00011263	WCA00011435	WCA00011282	WCA00011283*	WCA00011272	WCA00011324
Cable Type		CL3P	CL3P	CL3P	CL3P	CL3P	CL3P	CL3P
Conductor	AWG	10	16	16	16	16	18	22
	No.	2	2	2	8	16	2	2
	Dia.	2.6	1.3	1.3	1.3	1.3	1.02	0.64
Insulation	Nom. Thick.	0.25mm	0.27mm	0.27mm	0.27mm	0.27mm	0.27mm	0.25mm
	Nom. Dia.	3.5±0.1mm	2.00±0.1mm	2.00±0.1mm	2.00±0.1mm	2.00±0.1mm	1.62±0.10mm	1.12±0.05mm
Jacket	Nom. Thick.	0.8mm	0.58mm	0.58mm	0.69mm	0.56mm	0.42mm	0.46mm
	Nom. Dia.	8.8±0.3mm	5.2±0.3mm	5.2±0.3mm	8.0±0.3mm	11.0±0.5mm	4.4±0.15mm	3.4±0.15mm
Conductor Resistance at 20°C (Max.)		3.41Ω/km	13.7Ω/km	13.7Ω/km	13.7Ω/km	13.7Ω/km	21.9Ω/km	55.4Ω/km

* Upon Request

Other cable types and customization are available upon request.

UL 21996 Multiple-Conductor Cable Using Non-Integral Jacket

Specifications

- Rated Voltage: 300V
- Temperature Range: -40°C ~ 105°C
- Test Voltage: 2000V AC at 1 minute
- Wet Temperature Rating: 60°C (Max.)
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D AWM 21996 XX AWG -40°C 105°C 300V VW-1 AWM I/II A/B -40°C 105°C 300V FT1 Sun Res Wet 60°C Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Find Our Standard Products

Single Insulated Conductor Cable

Part Number		WCA00011581-43	WCA00011580-43	WCA00011548-43	WCA00011584-43	WCA00011583-43
Conductor	AWG	20	20	20	24	24
	No.	2	3	4	5	6
	Dia.	0.942mm	0.942mm	0.942mm	0.609mm	0.609mm
Insulation	Nom. Thick.	0.38mm	0.38mm	0.38mm	0.35mm	0.35mm
	Nom. Dia.	1.70±0.10mm	1.70±0.10mm	1.70±0.10mm	1.30±0.07mm	1.30±0.07mm
Shield	Style	-	-	-	-	Paper
	Overlap	-	-	-	-	25%
Conductor Resistance at 20°C (Max.)		34.6 / km	34.6 / km	34.6 / km	93.0 / km	93.0 / km
Jacket	Nom. Thick.	0.98mm	0.92mm	0.95mm	0.92mm	0.95mm
	Nom. Dia.	5.2±0.15mm	5.5±0.20mm	6.0±0.20mm	5.5±0.20mm	5.8±0.20mm

UL 21996 Multiple-Conductor Cable

Using Non-Integral Jacket

Multi-conductor Cable

Part Number		WCA00011532-43		WCA00011530-43		WCA00011531-43		WCA00011582-43	
Component		A	B	A	B	A	B	A	B
Conductor	AWG	12	26	16	26	16	26	20	24
	No.	3	4	2	2	2	2	2	3
	Dia.	2.365mm	0.480mm	1.490mm	0.480mm	1.490mm	0.480mm	0.942mm	0.609mm
Insulation	Nom. Thick.	0.46mm	0.46mm	0.40mm	0.46mm	0.40mm	0.46mm	0.38mm	0.35mm
	Nom. Dia.	3.30±0.15mm	1.40±0.10mm	2.30±0.10mm	1.40±0.10mm	2.30±0.10mm	1.40±0.10mm	1.70±0.10mm	1.30±0.07mm
Shield	Style	-	Al. Mylar	-	Al. Mylar	-	Al. Mylar	-	Paper
	Overlap	-	25%	-	25%	-	25%	-	25%
Drain	AWG	-	26	-	-	-	26	-	-
	Dia.	-	0.480mm	-	-	-	0.480mm	-	-
Conductor Resistance at 20°C (Max.)		5.54 / km	148.0 / km	13.7 / km	148.0 / km	13.7 / km	148.0 / km	34.6 / km	93.0 / km
Jacket	Nom. Thick.	1.65mm		1.65mm		1.65mm		0.9mm	
	Nom. Dia.	13.5±0.40mm		9.3±0.25mm		11.0±0.30mm		6.0±0.20mm	
Impedance		120±15		120±15		120±15		-	

Customization is available upon request.

UL 21388 Jacket Cable

Specifications

- Rated Voltage: 300V
- Temperature Range: ~ 80°C
- Test Voltage: 2000V AC at 1 minute
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC/PE
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D AWM 21388 XX AWG 80°C 300V VW-1, AWM I/II A/B 80°C 300V FT1 Sun Res Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL 1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Find Our Standard Products

Part Number		WCA00011201	WCA00011202	WCA00011203	WCA00011204	WCA00011205	WCA00011184
Conductor	AWG	16	16	16	16	16	20
	No.	2	3	4	5	6	2
	Dia.	1.496mm	1.496mm	1.496mm	1.496mm	1.496mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	6.00±0.20mm	6.50±0.20mm	6.80±0.20mm	7.60±0.20mm	8.40±0.20mm	5.50±0.20mm
Conductor Resistance at 20°C (Max.)		14.7 / km	14.7 / km	14.7 / km	14.7 / km	14.7 / km	36.7 / km

UL 21388 Jacket Cable

Find Our Standard Products

Part Number		WCA00011185	WCA00011186	WCA00011187	WCA00011188	WCA00011189	WCA00011190
Conductor	AWG	20	20	20	20	20	20
	No.	3	4	5	6	7	8
	Dia.	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	5.50±0.20mm	6.00±0.20mm	6.20±0.20mm	6.80±0.20mm	6.80±0.20mm	7.20±0.20mm
Conductor Resistance at 20°C (Max.)		36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km

Part Number		WCA00011191	WCA00011192	WCA00011193	WCA00011200	WCA00011194
Conductor	AWG	20	20	20	20	20
	No.	9	10	12	14	18
	Dia.	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	7.60±0.20mm	8.50±0.25mm	8.50±0.25mm	8.50±0.20mm	10.0±0.30mm
Conductor Resistance at 20°C (Max.)		36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km

Customization is available upon request.

UL 2464 Multiple - Conductor Cable Using Non-Integral Jacket

Specifications

- Rated Voltage: 300V
- Temperature Range: ~ 80°C
- Test Voltage: 2000V AC at 1 minute
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC/PE
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D  AWM 2464 XX AWG 80°C 300V VW-1,  AWM I/II A/B 80°C 300V FT1 Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL 1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Question

Our most popular FAQs will help you to easily find the answers you need.



Q: What connectors can be used for power and signal distribution?

A: Ceres, SENSOR, X-Lok, RBL and HS-Lok connectors. For more detailed information and guide, please refer to our "Product Summary Table".

Q: Can ALTW connectors be used in direct burial?

A: No, they are not designed for this type of application. They should be routed inside a conduit or other means of reinforcement if deployed underground.

Q: Can ALTW connectors be used in continuous water immersion?

A: No, there is a limitation for their immersion to water as defined on each IP rating. Only "Deeptronica" series can be used in permanent immersion.

Q: Why are ALTW connectors called waterproof if they can only be immersed for a certain period? Shouldn't they be called water resistant?

A: As long as the immersion period does not surpass the conditions specified on the IP rating, they can be referred to as waterproof.

Q: What is the Ingress Protection (IP) of ALTW connectors?

A: It ranges from IP65 to IP69K.

Q: Can ALTW connectors be connected/disconnected under load?

A: By default, only connectors for data (RJ45, DVI, HDMI, and USB) can be used in hot-plugging. Power connectors need to be customized to achieve this.

FAQ

Q: Do ALTW connectors comply with MIL STD?

A: No, ALTW connectors are only evaluated under EIA, IEC and UL standards.

Q: What connectors can be used in high-speed base band data transmission?

A: Ceres, X-Lok, M12 D & X-coded, RJ45, DVI, HDMI, USB and FLOS connectors.

Q: Can ALTW connectors be customized to meet certain requirements?

A: Yes, connectors can be customized to meet customer requirements. If a certification is required, it will be applied. If not, ALTW can provide in-house test reports as a confirmation that the pre-defined specifications have been met.

Q: Do ALTW connectors have ATEX certification?

A: No, ALTW connectors are not yet certified by ATEX.

Q: What is the difference between Oleophobic and Hydrophobic protective vents? What is the main function of the vent?

A: These properties refer to the fluid resistance of the membrane in the vent. Hydrophobic means that the membrane is water repelling, while Oleophobic means the membrane is oil repelling.

They are used in applications that require the balancing of internal and external pressures such as electrical cabinets, wireless access points, control hubs and junction boxes. The trapped air inside the enclosures expands or contracts relative to the heat emitted by the components it encloses and the external ambient temperatures.



If your question is not answered here, please contact Amphenol LTW Customer Service or browse our website for more information.
www.amphenolltw.com

Scan here to contact us or e-mail us at sales@ltw-tech.com

UV Resistant

Being resistant to ultraviolet light (UV), or sunlight, means being able to withstand or resist the degradation caused by ultraviolet light. UV light causes non-resistant materials and surfaces to fade or discolor.

Flammability

The ability of a chemical to burn or ignite, causing fire or combustion. The degree of difficulty required to cause the combustion of a chemical is quantified through fire testing.

Flammability can be classified as low (least flame-retarded) to high (most flame-retarded). From lowest to highest it is classified as follows:

- HB - horizontal slow burning: Burning rate under 76mm/min for a thickness below 3mm or the burning stops before 100mm
 - V-2: Burning stops within 30 seconds on a vertical specimen and drips of flaming particles are allowed
 - V-1: Burning stops within 30 seconds on a vertical specimen and drips of particles are allowed as long as they are not inflamed
 - V-0: Burning stops within 10 seconds on a vertical specimen and drips of particles are allowed as long as they are not inflamed
-

IEC

The International Electrotechnical Commission (IEC) is the world's leading organization for the preparation and publication of international standards for all electrical, electronic and related technologies. These are known collectively as “electrotechnology”.

The IEC provides a platform for companies, industries and governments to meet, discuss and develop the international standards they require. All IEC standards are consensus-based and represent the needs of the key stakeholders of every nation participating. Every member country has a vote on what is included into an IEC international standard.

UL 50e

This standard applies to enclosures for electrical equipment intended to be installed and used in non-hazardous locations. It covers additional environmental construction and performance requirements for enclosures.

UL 1863

This standard applies to Safety Communication - circuit Accessories. It covers telecommunications-circuit accessories, such as jack and plug assemblies, quick-connect terminal assemblies, telephone wall plates, telephone extension cords, cross-connect terminal-block assemblies, maintenance terminal modules, terminal enclosures, cable-splice enclosures, network-interface devices, wire-guide assemblies, and connector boxes.

UL 1977

These requirements cover single and multipole connectors intended for factory assembly to copper or copper alloy conductors or printed wiring boards for use in data, signal, control and power applications within and between electrical equipment.

UL 2237

This standard covers multi-point interconnection power cable assemblies. They may consist of power cable assemblies, male or female power cable fittings, panel-mounted power cable/conductor fittings and feeder-tap power cable fittings, referred to as the device in this standard, used with industrial machinery in accordance with the National Fire Protection Association Electrical Standard for Industrial Machinery, NFPA 79 that have system voltages up to and including 1,000 V.

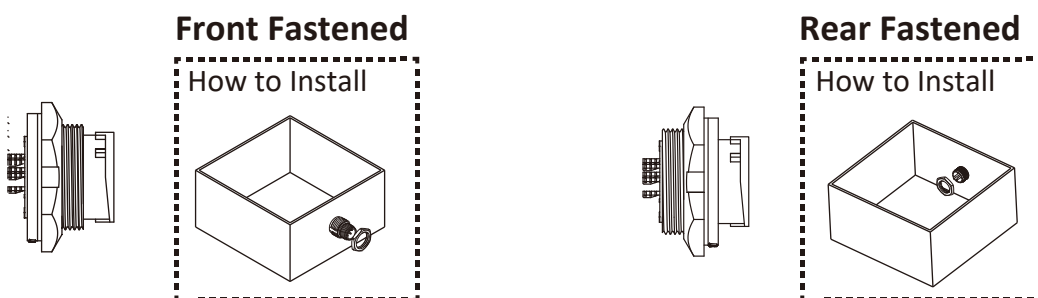
UL 2238

These requirements cover devices intended for inter-connection of equipment, sensors, and actuators in remote-control, signaling, and power-limited circuits. Included are cable assemblies and fittings, feeder-tap cable systems, feed-through connectors, multi-outlet fittings, panel-mount fittings, and splitters. These devices are rated at no more than 60 A and no more than 600 V. These devices are not intended for disconnect means.

LV214

This automotive standard was developed by German car manufacturers Audi, BMW, Daimler, Porsche and Volkswagen. It addresses the ability of terminals to be effectively evaluated by crimp force monitors. The terminals must exhibit certain crimp force to be used in an automotive wire harness.

Fasten Style of Nut



Mating Style

Screw Thread

- Ceres
- RJ45
- Cable Joiner & FICX
- Power
- USB
- M Series
- HDMI
- Cable Gland
- NMEA
- RF
- LED Light Guide
- D-Sub
- DVI
- Vent

2 Points Lock Bayonet

- Ceres
- Power
- USB

3 Points Lock Bayonet

- Ceres
- Power
- RJ45
- Fiber

Push Pull

- M Series
- FLOS & FLOS+
- HS-Lok
- USB

Push Lock With Latches

- RBL
- D-Sub
- SSL

Push Lock

- X-Lok
- USB

Termination Style



PCB 180°



PCB 90°



Solder



Screw In



Crimp



IDC



Push In



SMT

ODVA

ODVA is a global association whose members comprise of world's leading automation companies. ODVA's mission is to advance open, interoperable information and communication technologies in industrial automation. The association recognizes its media independent network protocol, the Common Industrial Protocol or "CIP" – and the network adaptations of CIP – EtherNet/IP, DeviceNet, CompoNet and ControlNet – as its core technology and the primary common interest of its membership.

ODVA's vision is to contribute to the sustainability and prosperity of the global community by transforming the model for information and communication technology in the industrial ecosystem.

NMEA 2000

NMEA 2000 is a protocol used to create a network of electronic devices – mainly marine instruments – on a boat. Various instruments that meet the NMEA 2000 standard are connected to one central cable, known as a backbone. The backbone powers each instrument and relays data among all the instruments on the network. This allows one display unit to show many different types of information and allows the instruments to work together. NMEA 2000 is meant to be "plug and play" to allow devices made by different manufacturers to talk and listen to each other.

Amphenol LTW's IPCS (Intelligent Pre-cabling Systems)

Amphenol LTW Intelligent Pre-Cabling System (IPCS) is your solution for the LED Lighting incorporation in indoor and outdoor applications. With a simplified design and wide flexibility, IPCS solves all your needs for electrical wiring and cabling infrastructure. It also provides large savings in on-site installation time and costs. The concept of IPCS is suitable for ALTW's various connector series, ideal for a large variety of customization.

Amphenol LTW's Power / Data / Hybrid Solutions

We are dedicated to developing interconnect solution to fulfill customer requirements of power or data applications, and as devices increasingly carry more functions in reduced spaces, Hybrid solutions are the answer to space limitation and multi-function. Below is the product series for Power, Data, and Hybrid applications.

0.5A ~ 2A

- Ceres
- X-Lok
- M Series
- D-Sub
- DVI
- HDMI
- USB
- HS-Lok
- FLOS & FLOS+

3A ~ 5A

- Ceres
- X-Lok
- M Series
- D-Sub
- SSL
- RBL
- HS-Lok
- FLOS & FLOS+
- NMEA 2000
- USB

6A ~ 10A

- Ceres
- X-Lok
- M Series
- Power
- Mini
- RBL
- FLOS & FLOS+
- NMEA 2000
- USB
- Cable Joiner & FICX

11A ~ 20A

- Ceres
- X-Lok
- M Series
- Power
- Mini
- RBL
- FLOS & FLOS+
- Cable Joiner & FICX

25A ~ 30A

- M Series
- FLOS & FLOS+
- Power

50A

- X-Lok
- Power

80A

- X-Lok
- Power

120A ~ 150A

- Power

Cross Section Conversion From AWG To mm²

26 AWG	0.14 mm ²	16 AWG	1.50 mm ²	4 AWG	25.00 mm ²
24 AWG	0.25 mm ²	14 AWG	2.50 mm ²	2 AWG	35.00 mm ²
22 AWG	0.34 mm ²	12 AWG	4.00 mm ²	1 AWG	50.00 mm ²
20 AWG	0.50 mm ²	10 AWG	6.00 mm ²	2/0 AWG	70.00 mm ²
18 AWG	0.75 mm ²	8 AWG	10.00 mm ²		
17 AWG	1.00 mm ²	6 AWG	16.00 mm ²		

Ingress Protection (IP) Rating Guide

Waterproof Definition

Unmated Waterproof



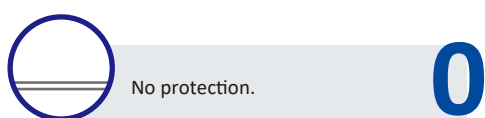
Standalone waterproof or waterproof is assured even without its counterpart. The water will not go through the inner portion of the exposed connector as it is entirely sealed.

Mated Waterproof



Waterproof is only assured when mated and locked tightly to its counterpart.

1st numeral - solid foreign objects



No protection.

0



Protected against solid foreign objects of 50 mm Ø and greater.

1



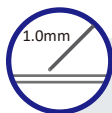
Protected against solid foreign objects of 12,5 mm Ø and greater.

2



Protected against solid foreign objects of 2,5 mm Ø and greater.

3



Protected against solid foreign objects of 1,0 mm Ø and greater.

4



Dust-protected.

5



Dust-tight.

6

Example:

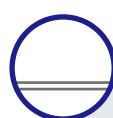


IP 65

Protected against water jets.

Dust-tight.

2nd numeral - water



No protection.

0



Protected against vertically falling water drops.

1



Protected against vertically falling water drops when enclosure tilted up to 15°.

2



Protected against spraying water.

3



Protected against splashing water.

4



Protected against water jets.

5



Protected against powerful water jets.

6



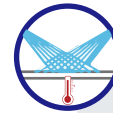
Protected against the effects of temporary immersion in water.

7



Protected against the effects of continuous immersion in water.

8



Protected against high pressure and temperature water jets.

9K

Amphenol LTW Technology Co., Ltd.

5F-3, No.51, Sec.4, Zhongyang Rd., Tucheng Dist., New Taipei City 236 Taiwan

Telephone : +886-2-7741-6888 Fax : +886-2-7741-6999

Email : sales@ltw-tech.com Web: amphenolltw.com

Kunshan Factory

No.62, DaTong Road, Development Zone, Kunshan City, JiangSu Province 215333 China

Telephone : +86-512-5761-0501 Fax : +86-512-5761-0515

For further information , please contact :

Luc Kan | Sales and Marketing

Email : luc@ltw-tech.com

