

Connection Cables X-Coded Data

Industrial Ethernet Shielded M12 X-Coded Cables

Features

- High flex industrial Ethernet shielded Cat6a cables
- Resistant to welding sparks
- Flame retardant, chemical resistant
- TPE (thermoplastic elastomer) jacket for typical industrial applications



7700-51101 Series



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Ethernet Shielded M12 X-coded Cables

Part Number	Price	Poles/ Pins	Connectors	Jacket		Length m [ft]	Drawing Link
				Material	Color		
7700-51101-S4X0100	\$66.00	8	Male straight M12 to straight RJ45	TPE Thermoplastic Elastomer	Teal	1.0 [3.2]	PDF
7700-51101-S4X0300	\$84.00					3.0 [9.8]	PDF
7700-51101-S4X0500	\$103.00					5.0 [16.4]	PDF
7700-51201-S4X0100	\$72.00		Male 90° M12 to straight RJ45			1.0 [3.2]	PDF
7700-51201-S4X0300	\$91.00					3.0 [9.8]	PDF
7700-51201-S4X0500	\$109.00					5.0 [16.4]	PDF

Specifications

Nominal Voltage	60VDC UL rated: 30VDC	Locking Material	Zinc die casting, matte nickel plated
Max Current	0.5 A	Protection Degree	M12: IP66K/67 ; RJ45: IP20
Rated Surge Voltage	1.0 kV	Outer Ø	7.4 mm [0.29 in] ±5%
Transfer Parameters	Cat6a, Class EA (ISO/IEC 11801)	Bend Radius	10 x outer Ø*
Transfer Rate	Up to 10Gbps full duplex	Temperature Range	Cable: -40 to +80°C [-40 to +176°F] Connector: -25 to 85°C [13 to 185°F]
Connection	Connector 1: M12 X-coded Connector 2: RJ45	Wire Material	Copper wire, tin plated
		Approvals	cULus File E362618
Tightening Torque	0.6 N·m	To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.	

*For a linear flex application with a bend radius of 10x of the outside diameter of the cable, you can expect a life of 1 million cycles. For a linear flex application with a bend radius of 20x of the outside diameter of the cable, you can expect a life of 10 million cycles.