

Harsh Industrial Environments

Industrial Ethernet Connector: Cat 6A Solid/Stranded, Unshielded/Shielded M12



L3-M-6-M12-SHD-STR	Cat 6A M12 field plug, X-coded, Straight, Solid/Stranded, Unshielded/Shielded
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General Data	
Dimensions	16.8 x 52 mm
Shield	Yes
Cable Diameter	5.0 to 9.7mm
Conductor	
Solid	0.40 - 0.64 mm AWG 24 - AWG 22
Stranded	0.48 - 0.76 mm AWG 26/7 - AWG 22/7
Transmission Performance	
Category	Cat 6a
Application:	10/100/1000Mbit Ethernet, 10Gig at 55 meters
Material	
Connector Housing	Zinc Die cast, nickel plated
Contact	Gold plating over nickel

Climatic Properties	
Temperature Range	-40 ° to +85 °c
Ingress Protection	IP67
Electrical Properties	
Current carrying capacity at 40 °C	0.5 A
Rated Voltage	50 V AV/60 V DC