

## Harsh Industrial Environments Industrial Ethernet Patch Cords: Cat 6 Shielded



<b>Product Description</b>	Industrial Ethernet, double-ended patch cord, Shielded M12-M12 for GigaBit Applications, molded with M12 male connectors, 8 poles X coded, Oil Resistance, Black jacket, 2M, 5M, and 10M cable lengths.
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WireXpress Part #	IP Rating	Length
L3-2M-CAT6-SHLD	IP67	2 Meter
L3-5M-CAT6-SHLD	IP67	5 Meter
L3-10M-CAT6-SHLD	IP67	10 Meter

Environmental Conditions	
<b>Environmental temperature</b>	IP 67
<b>Degree of protection (IP), mounted</b>	-40°C to +85°C
<b>Pollution degree</b>	3
Classifications	
<b>Class</b>	Industrial Ethernet Data Cables
Mechanical data	
<b>Type of plug-in contact</b>	Male to Male
<b>Design of housing</b>	Straight to St
<b>Thread</b>	M12
<b>Coding</b>	X

Materials	
<b>Housing material / Molded body</b>	PA
<b>Contact bearer material</b>	PBT
<b>Contact material</b>	CuSn
<b>Contact material / Surface refinement</b>	gold-plated
<b>Knurled screw / nut material</b>	CuZn, nickel-plated
Approvals	
<b>Approvals</b>	EN 50155, IEC 61373, DIN CLC/TS 50467, DIN CEN/TS 45545, DIN
<b>RoHS 2002/95 EG compliant</b>	Yes
Cable Specifications	
<b>Cable jacket</b>	PUR
<b>Color</b>	Black
<b>Gauge</b>	26 AWG
<b>Overall diameter</b>	6.5 mm
<b>Conductor</b>	8
<b>Insulation</b>	PE
<b>Foil shield</b>	Yes
<b>Braided shield</b>	Yes
Electrical Data	
<b>Contact resistance</b>	£ 5 mÙ
<b>Rated current In</b>	4 A at 40°C
<b>Nominal voltage</b>	60 V
<b>Rated voltage</b>	250 V
<b>Test voltage</b>	2 kV eff./60 s
<b>Insulation resistance</b>	> 1 GÙ