Patch Cables

Industrial Ethernet Shielded M12 Patch Cables

- High flex industrial Ethernet shielded CAT5E cables
- Resistant to welding sparks
- Flame retardant, chemical resistant
- TPE (thermoplastic elastomer) jacket for typical industrial applications

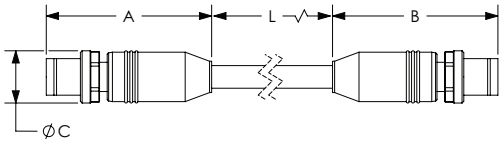
Ethernet Shielded M12 Patch Cables

Part Number	Price	Poles	Connectors	Jacket		Dimensions				
						A	B	C	D	L
				Material	Color	mm				m [ft]
7700-44511-S4U0060	$20.50	4	Male straight to male straight	TPE Thermoplastic Elastomer	Teal	47.5	47.5	15	–	0.6 [1.9]
7700-44511-S4U0100	$21.50									1.0 [3.2]
7700-44511-S4U0300	$26.50									3.0 [9.8]
7700-44541-S4U0060	$20.50		Male straight to male 90°			46.5	40	15	35	0.6 [1.9]
7700-44541-S4U0100	$21.50									1.0 [3.2]
7700-44541-S4U0300	$27.50									3.0 [9.8]
7700-44711-S4U0060	$19.50		Male straight to RJ45			47	49	15	–	0.6 [1.9]
7700-44711-S4U0100	$20.50									1.0 [3.2]
7700-44711-S4U0300	$24.00									3.0 [9.8]
7700-44761-S4U0060	$19.50		Male 90° to RJ45			40	49	15	35	0.6 [1.9]
7700-44761-S4U0100	$21.00									1.0 [3.2]
7700-44761-S4U0300	$25.00									3.0 [9.8]

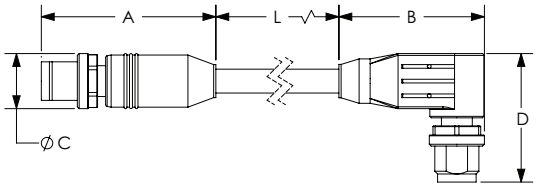
Dimensions

mm [inches]

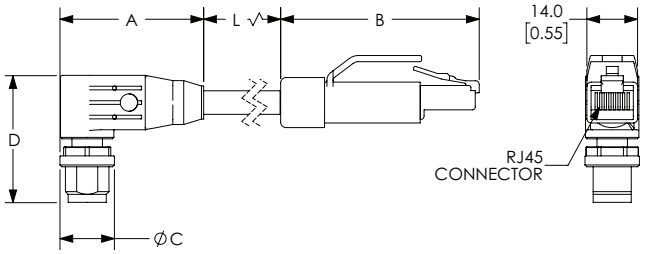
Male straight to male straight



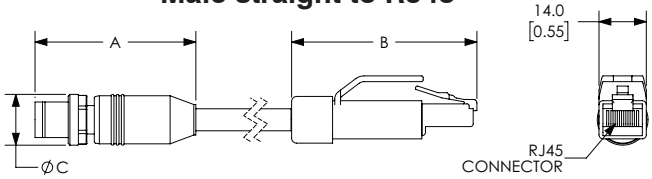
Male straight to male 90°



Male 90° to RJ45



Male straight to RJ45



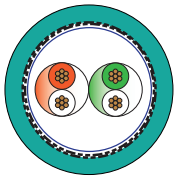
See our website: www.AutomationDirect.com for complete engineering drawings.

Specifications

Nominal Voltage	60VDC
Max Current	4A
Rated surge voltage	1.5 kV
Transfer parameters	CAT5 ISO/IEC 11801 Class D and CAT5E ANSI/TIA-568-C.2
Transfer rate	100Mbps full duplex
Coding	D-coded
Connection	M12
Tightening torque	0.6 N-m
Locking material	Zinc die casting, matte nickel plated
Protection Degree	IP65/66K/67
Outer Ø	~ 6.6 mm
Bend radius	10 x outer Ø*
Temperature range	-40° to +80°C [-40° to +176°F]
Wire material	Cu wire, tin plated
Rated surge voltage	1.5 kV
Approvals	cULus File E362618, CSA

**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.*

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Two Twisted Pairs
1. Orange/White
2. Green/White

M12

4-pole