

# Patch Cables

## Industrial Ethernet Shielded M12 Patch Cables



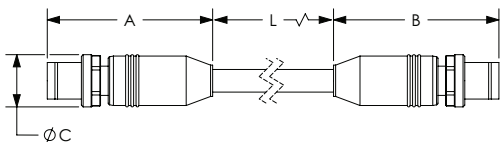
- High flex industrial Ethernet shielded CAT5E cables
- Resistant to welding sparks
- Flame retardant, chemical resistant
- TPE (thermoplastic elastomer) jacket for typical industrial applications

Ethernet Shielded M12 Patch Cables										
Part Number	Price	Poles	Connectors	Jacket		Dimensions				
				Material	Color	A	B	C	D	L
<a href="#">7700-44511-S4U0060</a>		4	Male straight to male straight	TPE Thermoplastic Elastomer	Teal	47.5	47.5	15	-	0.6 [1.9]
<a href="#">7700-44511-S4U0100</a>										1.0 [3.2]
<a href="#">7700-44511-S4U0300</a>			3.0 [9.8]							
<a href="#">7700-44541-S4U0060</a>			Male straight to male 90°			46.5	40	15	35	0.6 [1.9]
<a href="#">7700-44541-S4U0100</a>										1.0 [3.2]
<a href="#">7700-44541-S4U0300</a>						3.0 [9.8]				
<a href="#">7700-44711-S4U0060</a>			Male straight to RJ45			47	49	15	-	0.6 [1.9]
<a href="#">7700-44711-S4U0100</a>										1.0 [3.2]
<a href="#">7700-44711-S4U0300</a>			3.0 [9.8]							
<a href="#">7700-44761-S4U0060</a>			Male 90° to RJ45			40	49	15	35	0.6 [1.9]
<a href="#">7700-44761-S4U0100</a>										1.0 [3.2]
<a href="#">7700-44761-S4U0300</a>						3.0 [9.8]				

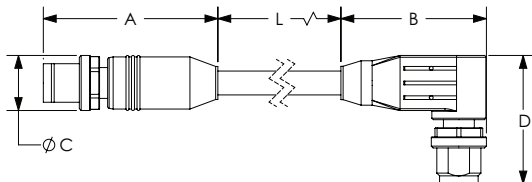
### Dimensions

mm [inches]

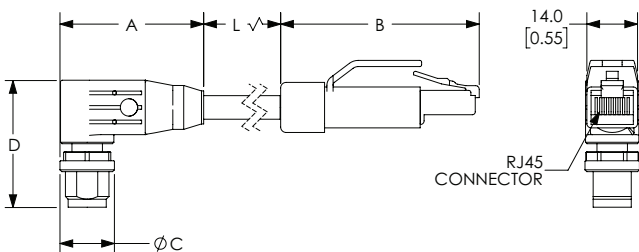
Male straight to male straight



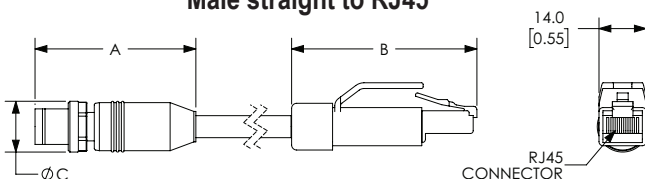
Male straight to male 90°



Male 90° to RJ45



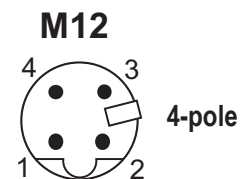
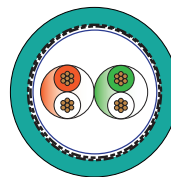
Male straight to RJ45



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

See our website: for complete engineering drawings.