

# Patch Cables

## Industrial Ethernet Shielded M12 Patch Cables

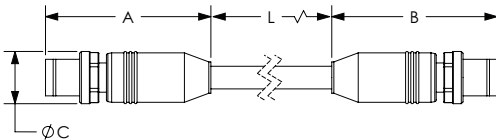


- High flex industrial Ethernet shielded CAT5E cables
- Resistant to welding sparks
- Flame retardant, chemical resistant
- TPE (thermoplastic elastomer) jacket for typical industrial applications

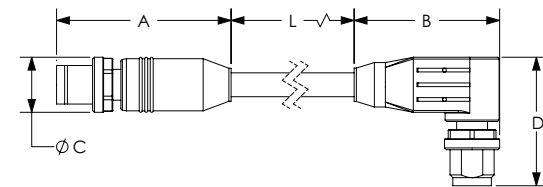
Ethernet Shielded M12 Patch Cables												
Part Number	Price	Poles	Connectors	Jacket		Dimensions						
				Material	Color	A	B	C	D	L		
7700-44511-S4U0060	\$19.00	4	Male straight to male straight	TPE Thermoplastic Elastomer	Teal	47.5	47.5	15	-	0.6 [1.9]		
7700-44511-S4U0100	\$20.00									1.0 [3.2]		
7700-44511-S4U0300	\$24.50									3.0 [9.8]		
7700-44541-S4U0060	\$19.00		Male straight to male 90°			46.5	40	15	35	-	-	0.6 [1.9]
7700-44541-S4U0100	\$20.00											1.0 [3.2]
7700-44541-S4U0300	\$25.00											3.0 [9.8]
7700-44711-S4U0060	\$18.00		Male straight to RJ45			47	49	15	-	-	-	0.6 [1.9]
7700-44711-S4U0100	\$19.00											1.0 [3.2]
7700-44711-S4U0300	\$22.50											3.0 [9.8]
7700-44761-S4U0060	\$18.00		Male 90° to RJ45			40	49	15	35	-	-	0.6 [1.9]
7700-44761-S4U0100	\$19.50											1.0 [3.2]
7700-44761-S4U0300	\$23.50											3.0 [9.8]

### Dimensions mm [in]

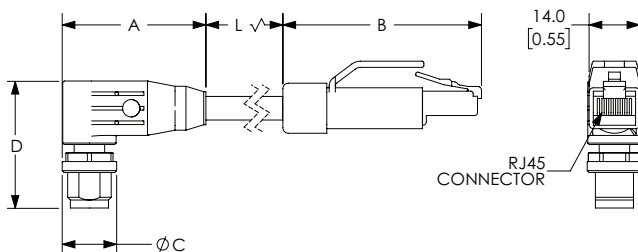
#### Male straight to male straight



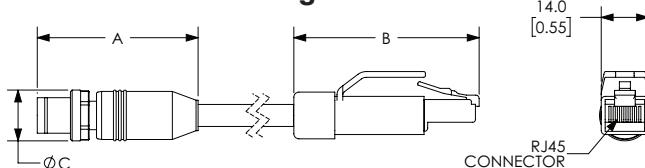
#### Male straight to male 90°



#### Male 90° to RJ45



#### Male straight to RJ45



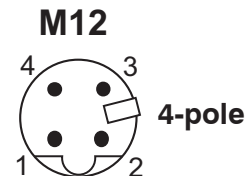
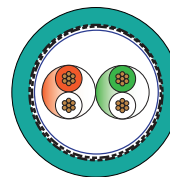
See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

### 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