

# Patch Cables

## M12 Cables with Quick-Disconnect on Each End

Available patch cables include:

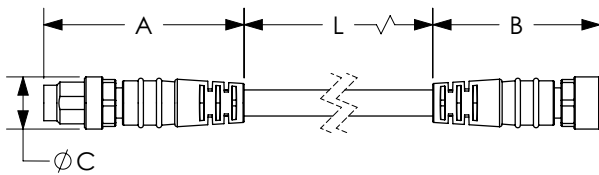
- Industry standard M12 screw-lock connectors
- One male and one female connector
- Axial and right-angle connector models
- 1m and 3m cable lengths
- PVC (polyvinyl chloride) jacket for typical industrial applications
- PUR/PVC (polyvinyl/polyurethane) jacket for oily and drag chain applications
- IP67 rated (CDP Series)
- IP65/66K/67 (7000 Series)
- UL/CSA (7000 Series)



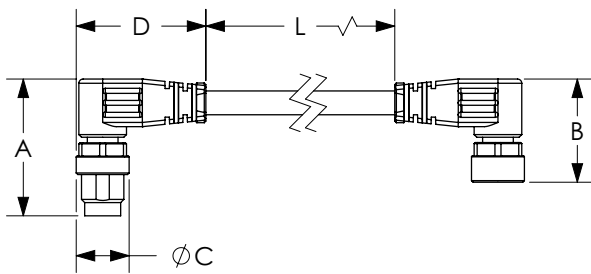
M12 Patch Cables with Quick-Disconnect on Each End (Euro, Micro DC-Single Key)												
Part Number	Price	Poles	Connectors	Jacket		Dimensions						
				Material	Color	A	B	C	D	L		
						mm				m [ft]		
<b>CDP12-0B-010-AA</b>	\$8.25	4	2 Axial - One male and one female connector	PVC	Gray	41	38	15	-	1 [3.3]		
<b>CDP12-0B-010-BB</b>	\$8.25		2 Right-angle - One male and one female connector			31	28	15	39			
<b>CDP12-0B-030-AA</b>	\$8.25	4	2 Axial - One male and one female connector			PUR/PVC (UL/CSA)	Yellow	41	38	15	-	3 [9.8]
<b>CDP12-0B-030-BB</b>	\$10.00		2 Right-angle - One male and one female connector					31	28	15	39	
<b>7000-40021-0240100</b>	\$7.00	4	2 Axial - One male and one female connector	PUR/PVC (UL/CSA)	Yellow			41	38	15	-	1 [3.3]
<b>7000-40261-0240100</b>	\$9.00		2 Right-angle - One male and one female connector					31	28	15	39	
<b>7000-40021-0240300</b>	\$9.50	4	2 Axial - One male and one female connector			PUR/PVC (UL/CSA)	Yellow	41	38	15	-	3 [9.8]
<b>7000-40261-0240300</b>	\$11.00		2 Right-angle - One male and one female connector					31	28	15	39	
<b>7000-40041-0250100</b>	\$11.50	5	2 Axial - One male and one female connector	PUR/PVC (UL/CSA)	Yellow			41	38	15	-	1 [3.3]
<b>7000-40041-0250300</b>	\$14.50		2 Axial - One male and one female connector					41	38	15	-	
<b>7000-40041-2150100</b>	\$12.00	5	2 Axial - One male and one female connector			PVC (UL/CSA)	Gray	41	38	15	-	1 [3.3]
<b>7000-40041-2150300</b>	\$15.00		2 Axial - One male and one female connector					41	38	15	-	

## Dimensions

### Axial male to female



### 90° male to 90° female

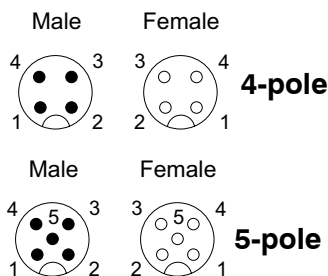


See our website: [www.AutomationDirect.com](http://www.AutomationDirect.com) for complete engineering drawings.

M12 Patch Cables Specifications	
<b>Nominal Voltage</b>	125V AC/DC – 250V AC/DC
<b>Max Current</b>	4A
<b>LED Current Consumption</b>	N/A
<b>Protection Degree</b>	IEC IP67
<b>Material Nut</b>	Zinc pressure die casting surface (Ni4-6), Nickel plated brass
<b>Jacket Material</b>	PolyVinyl Chloride (PVC) or Polyurethane/PolyVinyl Chloride (PUR/PVC)
<b>Housing Material</b>	Polyurethane (PUR)
<b>Contacts Material</b>	Copper-tin (CuSn) plated brass
<b>Conductors Cross Section (AWG)</b>	0.34 mm <sup>2</sup>
<b>Tightening Torque</b>	0.6 N·m, 0.5 N·m
<b>Ø Outer Cable</b>	5.2 mm, 5mm
<b>Temperature Range</b>	-25° to +70°C [-13° to 158°F]
<b>Function Display LED</b>	N/A
<b>Switching Status LED</b>	N/A
<b>Bending Radius</b>	min. 10 x cable diameter
<b>Bending Cycles</b>	>5 million
<b>Travel Speed</b>	N/A
<b>Torsional Strain</b>	N/A
<b>Agency Approvals</b>	RoHS, UL Recognized (7000 series)

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

## Contact Diagrams



## Wiring Diagrams

