

Patch Cables

M12 Cables with Quick-Disconnect on Each End



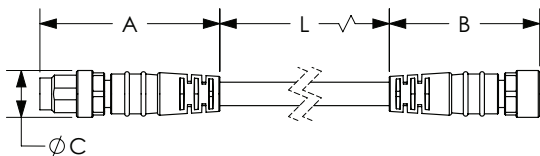
Available patch cables include:

- 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)

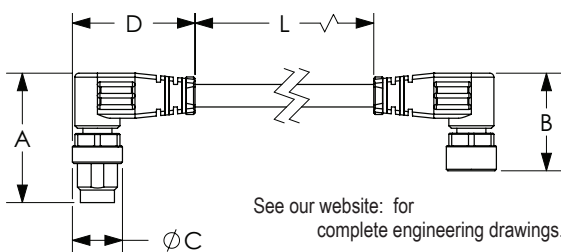
M12 Patch Cables with Quick-Disconnect on Each End (Euro, Micro DC-Single Key)												
Part Number	Price	Poles	Connectors	Jacket		Dimensions						
				Material	Color	mm				m [ft]		
CDP12-0B-010-AA		4	2 Axial - One male and one female connector	PVC	Gray	41	38	15	-	1 [3.3]		
CDP12-0B-010-BB			2 Right-angle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

Dimensions

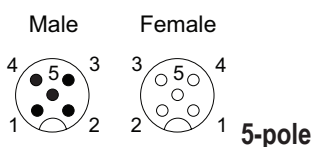
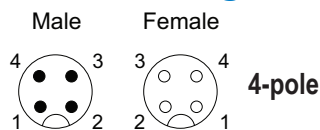
Axial male to female



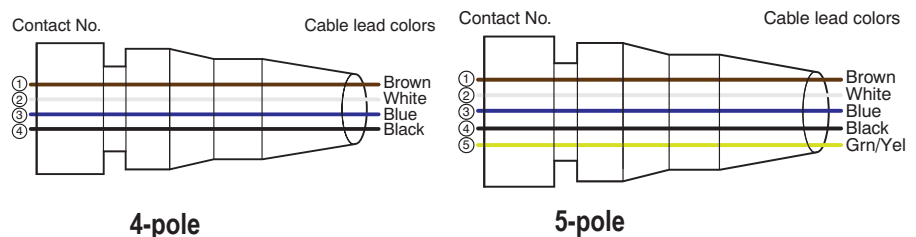
90° male to 90° female



Contact Diagrams



Wiring Diagrams



M12 Patch Cables Specifications

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