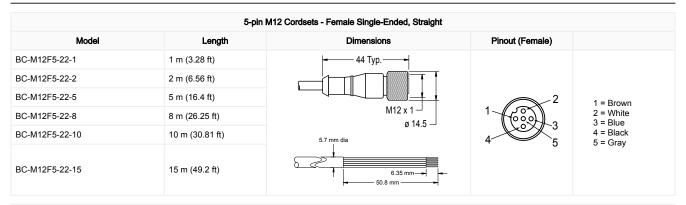
BC-M12F5-22-X 5-pin Single-Ended Female Cordsets



Datasheet

- · M12 female to flying leads, five conductors, multiple length options
- · Black PVC jacket, unshielded, A-code connector
- · Straight and right-angle connector options

BC-M12F5-22-x Models



5-pin M12 Cordsets - Female Single-Ended, Right-Angle				
Model	Length	Dimensions	Pinout (Female)	
BC-M12F5A-22-1	1 m (3.28 ft)	32 Typ. [1.26] 30 Typ. [1.18] 4.5 [0.57" 5.7 mm dia	2 5 3 1 4	1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BC-M12F5A-22-2	2 m (6.56 ft)			
BC-M12F5A-22-5	5 m (16.4 ft)			
BC-M12F5A-22-8	8 m (26.25 ft)			
BC-M12F5A-22-10	10 m (30.81 ft)			
BC-M12F5A-22-15	15 m (49.2 ft)			

Specifications

Current Rating

4 A

Voltage Rating

30 V

Minimum Bend Radius

>10× the outside diameter

AWG

22 AWG

Outer Diameter

5.59 mm

Connections

Integral 5-pin M12 female quick disconnect

Coding

Α

Construction

Coupling nut material: Nickel-plated brass

Contact carrier: Black nylon Connector body: Black PUR Jacket material: Black PVC

Vibration and Mechanical Shock

Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell)
Meets IEC 60068-2-27 requirements (Shock: 30G 11 ms duration, half sine wave)

Environmental Rating

IP66, IP67, IP68 UL Type 1

Operating Conditions

Operating temperature: -40 °C to +70 °C (-40 °F to +158 °F) Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F) 90% at +50 °C maximum relative humidity (non-condensing)

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