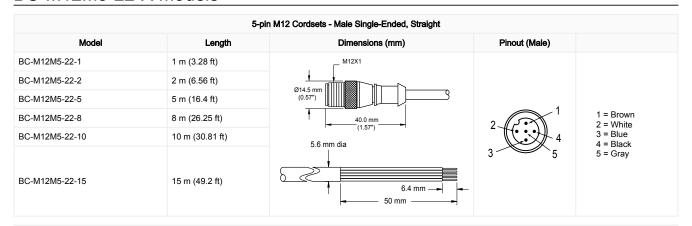# BC-M12M5x-22-x Single-Ended Male Cordsets

BANNER®

Features

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

BC-M12M5-22-X Models

5-pin M12 Cordsets - Male Single-Ended, Straight				
Model	Length	Dimensions (mm)	Pinout (Male)	
BC-M12M5-22-1	1 m (3.28 ft)			
BC-M12M5-22-2	2 m (6.56 ft)			
BC-M12M5-22-5	5 m (16.4 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BC-M12M5-22-8	8 m (26.25 ft)			
BC-M12M5-22-10	10 m (30.81 ft)			
BC-M12M5-22-15	15 m (49.2 ft)			

5-pin M12 Cordsets - Male Single-Ended, Right-Angle				
Model	Length	Dimensions (mm)	Pinout (Male)	
BC-M12M5A-22-1	1 m (3.28 ft)			
BC-M12M5A-22-2	2 m (6.56 ft)			
BC-M12M5A-22-5	5 m (16.4 ft)			1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
BC-M12M5A-22-8	8 m (26.25 ft)			
BC-M12M5A-22-10	10 m (30.81 ft)			
BC-M12M5A-22-15	15 m (49.2 ft)			

BC-M12M5-22-X Specifications

Current Rating
4 A (passthrough)

Voltage Rating
30 V DC

Minimum Bend Radius
>10× the outside diameter

AWG
22 AWG

Outer Diameter
5.6 mm

Coding
A

Connections
Integral 5-pin M12 male quick disconnect

Construction
Coupling nut material: Nickel-plated brass
Contact carrier: Black nylon
Connector body: Black PUR
Jacket material: Black PVC

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)

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

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