

BC-M12F5x-22-x-SF 5-pin Single-Ended Female Shielded Cordsets



Features

- M12 female to flying leads, five conductors, multiple length options
- Black PVC jacket, foil shield with unterminated 22 AWG drain, A-code connector
- Straight and right-angle connector options

BC-M12F5-22-X-SF Models

| 5-pin M12 Cordsets - Female Single-Ended, Straight, Shielded | | | | |
|--|-----------------|------------|-----------------|---|
| Model | Length | Dimensions | Pinout (Female) | |
| BC-M12F5-22-1-SF | 1 m (3.28 ft) | | | 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray |
| BC-M12F5-22-2-SF | 2 m (6.56 ft) | | | |
| BC-M12F5-22-5-SF | 5 m (16.4 ft) | | | |
| BC-M12F5-22-8-SF | 8 m (26.25 ft) | | | |
| BC-M12F5-22-10-SF | 10 m (30.81 ft) | | | |
| BC-M12F5-22-15-SF | 15 m (49.2 ft) | | | |

| 5-pin M12 Cordsets - Female Single-Ended, Right-Angle, Shielded | | | | |
|---|-----------------|------------|-----------------|---|
| Model | Length | Dimensions | Pinout (Female) | |
| BC-M12F5A-22-1-SF | 1 m (3.28 ft) | | | 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray |
| BC-M12F5A-22-2-SF | 2 m (6.56 ft) | | | |
| BC-M12F5A-22-5-SF | 5 m (16.4 ft) | | | |
| BC-M12F5A-22-8-SF | 8 m (26.25 ft) | | | |
| BC-M12F5A-22-10-SF | 10 m (30.81 ft) | | | |
| BC-M12F5A-22-15-SF | 15 m (49.2 ft) | | | |

Specifications

Current Rating

4 A

Voltage Rating

30 V

Installation

Static: 10× the outside diameter

Dynamic: 15× the outside diameter

AWG

22 AWG

Outer Diameter

5.7 mm

Shielding

Shielding: Aluminum foil, facing in 25% minimum, 100% coverage

Drain: 22 AWG Drain

Coding

A

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)

Connections

Integral 4-pin M12 female quick disconnect

Operating Conditions

Operating temperature: -40 °C to +50 °C (-40 °F to +122 °F)

Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)

90% at +50 °C maximum relative humidity (non-condensing)

Environmental Rating

IP66, IP67, IP68

UL Type 1

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