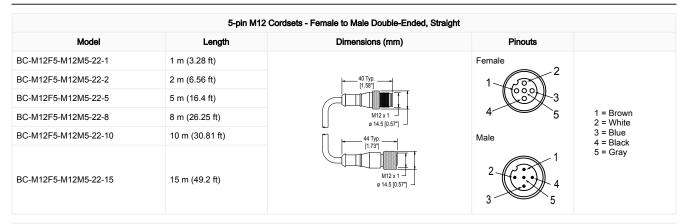
BC-M12F5-M12M5-22-X 5-pin Double-Ended Cordsets



Features

- M12 female to male (double-ended), five conductors, multiple length options
- Black PVC jacket, unshielded, A-code connector
- · Straight and right-angle connector options

BC-M12F5-M12M5-22-X Models



| 5-pin M12 Cordsets - Female Straight to Male Right-Angle Double-Ended | | | | | | |
|---|-----------------|---|---------|------------------------|--|--|
| Model | Length | Dimensions (mm) | Pinouts | | | |
| BC-M12F5-M12M5A-22-1 | 1 m (3.28 ft) | | Female | | | |
| BC-M12F5-M12M5A-22-2 | 2 m (6.56 ft) | 32 Typ | 1 2 | | | |
| BC-M12F5-M12M5A-22-5 | 5 m (16.4 ft) | [126] | 3 | | | |
| BC-M12F5-M12M5A-22-8 | 8 m (26.25 ft) | 90 Typ. [1.18*] | 4 5 | 1 = Brown 2 = White | | |
| BC-M12F5-M12M5A-22-10 | 10 m (30.81 ft) | M12 x 1 | Male | 3 = Blue 4 = Black | | |
| BC-M12F5-M12M5A-22-15 | 15 m (49.2 ft) | 014.5[0.57] 44.Typ. [1.73*] M/2 x 1 | 2 4 5 | 5 = Gray | | |

| 5-pin M12 Cordsets - Female Right-Angle to Male Straight Double-Ended | | | | | |
|---|-----------------|------------------|---------|------------------------|--|
| Model | Length | Dimensions (mm) | Pinouts | | |
| BC-M12F5A-M12M5-22-1 | 1 m (3.28 ft) | | Female | | |
| BC-M12F5A-M12M5-22-2 | 2 m (6.56 ft) | 40Typ [1.58"] | 1 000 2 | | |
| BC-M12F5A-M12M5-22-5 | 5 m (16.4 ft) | M12 x 1 | 4 5 | 1 = Brown 2 = White | |
| BC-M12F5A-M12M5-22-8 | 8 m (26.25 ft) | | | | |
| BC-M12F5A-M12M5-22-10 | 10 m (30.81 ft) | Ø 14.5 [0.57"] J | Male | 3 = Blue 4 = Black | |
| BC-M12F5A-M12M5-22-15 | 15 m (49.2 ft) | 31 Typ. | 2 4 5 | 5 = Gray | |

| 5-pin M12 Cordsets - Female to Male Double-Ended, Right-Angle | | | | | | |
|---|-----------------|--------------------|---------------|------------------------|--|--|
| Model | Length | Dimensions (mm) | Pinouts | | | |
| BC-M12F5A-M12M5A-22-1 | 1 m (3.28 ft) | 32 Typ. 1 1.261 | .18"] 4 5 1 = | | | |
| BC-M12F5A-M12M5A-22-2 | 2 m (6.56 ft) | | | | | |
| BC-M12F5A-M12M5A-22-5 | 5 m (16.4 ft) | | | 1 = Brown 2 = White | | |
| BC-M12F5A-M12M5A-22-8 | 8 m (26.25 ft) | 30 Typ. [1.18"] | | | | |
| BC-M12F5A-M12M5A-22-10 | 10 m (30.81 ft) | M12 x 1 | Male | 3 = Blue 4 = Black | | |
| BC-M12F5A-M12M5A-22-15 | 15 m (49.2 ft) | 31 Typ. | 2 1 4 5 | 5 = Gray | | |

Specifications

Current Rating

4 A

Voltage Rating

60 V

Minimum Bend Radius

>10× the outside diameter

AWG

22 AWG

Outer Diameter

5.59 mm

Coding

Α

Connections

Integral 5-pin M12 quick disconnect (female, male)

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)

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)

Environmental Rating

IP66, IP67, IP68 UL Type 1

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