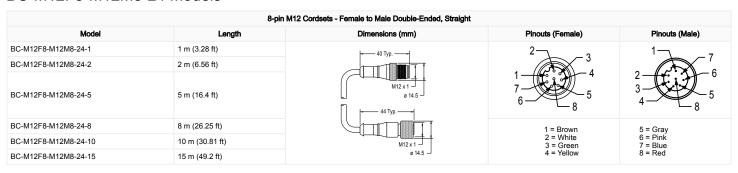
BC-M12F8x-M12M8x-24-x 8-pin Double-Ended Cordsets



Features

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

BC-M12F8-M12M8-24 Models



8-pin M12 Cordsets - Female Straight to Male Right-Angle Double-Ended						
Model	Length	Dimensions (mm)	Pinouts (Female)	Pinouts (Male)		
BC-M12F8-M12M8A-24-1	1 m (3.28 ft)	32 Typ. [1:20] 30 Typ. [1:18] 44 Typ. 44 Typ. 44 Typ. 44 Typ.	1 3 4 7 6 8 5 5	2 3 4 8 5		
BC-M12F8-M12M8A-24-2	2 m (6.56 ft)					
BC-M12F8-M12M8A-24-5	5 m (16.4 ft)					
BC-M12F8-M12M8A-24-8	8 m (26.25 ft)		1 = Brown 2 = White 3 = Green 4 = Yellow	5 = Gray 6 = Pink 7 = Blue 8 = Red		
BC-M12F8-M12M8A-24-10	10 m (30.81 ft)					
BC-M12F8-M12M8A-24-15	15 m (49.2 ft)					

8-pin M12 Cordsets - Female Right Angle to Male Straight Double-Ended						
Model	Length	Dimensions (mm)	Pinouts (Female)	Pinouts (Male)		
BC-M12F8A-M12M8-24-1	1 m (3.28 ft)	40Typ. 11.58°] M12.x 1 ø 14.5 [0.57"]	2 1 7 6 8 5	2 3 4 8 5		
BC-M12F8A-M12M8-24-2	2 m (6.56 ft)					
BC-M12F8A-M12M8-24-5	5 m (16.4 ft)					
BC-M12F8A-M12M8-24-8	8 m (26.25 ft)	31 Typ.	1 = Brown 2 = White 3 = Green 4 = Yellow	5 = Gray 6 = Pink 7 = Blue 8 = Red		
BC-M12F8A-M12M8-24-10	10 m (30.81 ft)					
BC-M12F8A-M12M8-24-15	15 m (49.2 ft)	32 Typ				

8-pin M12 Cordsets - Fernale to Male Double-Ended, Right-Angle						
Model	Length	Dimensions (mm)	Pinouts (Female)	Pinouts (Male)		
BC-M12F8A-M12M8A-24-1	1 m (3.28 ft)	32 Typ.	2—	1—, ,		
BC-M12F8A-M12M8A-24-2	2 m (6.56 ft)	1227 30 Typ. 11.187 31 Typ.	1 4 7 6 8 5	2 6 6 5		
BC-M12F8A-M12M8A-24-5	5 m (16.4 ft)					
BC-M12F8A-M12M8A-24-8	8 m (26.25 ft)		1 = Brown 2 = White 3 = Green 4 = Yellow	5 = Gray 6 = Pink 7 = Blue 8 = Red		
BC-M12F8A-M12M8A-24-10	10 m (30.81 ft)					
BC-M12F8A-M12M8A-24-15	15 m (49.2 ft)					

BC-M12F8-M12M8-24 Specifications

 Current Rating
 Coding

 2 A
 A

 Voltage Rating
 Connections

 30 V
 Integral 8-pin M12 quick disconnect connector (female,

Minimum Bend Radius
>10× the outside diameter

AWG 24 AWG

Outer Diameter 5.59 mm Coupling nut material: Nickel-plated brass Contact carrier: Black nylon

Connector body: Black PUR Jacket material: Black PVC

male)

Construction

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: $-40~^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$ ($-40~^{\circ}\text{F}$ to +158 $^{\circ}\text{F}$)

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

90% at +50 °C maximum relative humidity (noncondensing) Environmental Rating IP66, IP67, IP68 UL Type 1

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