

# 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 to Male Double-Ended, Straight				
Model	Length	Dimensions (mm)	Pinouts (Female)	Pinouts (Male)
BC-M12F8-M12M8-24-1	1 m (3.28 ft)			
BC-M12F8-M12M8-24-2	2 m (6.56 ft)			
BC-M12F8-M12M8-24-5	5 m (16.4 ft)			
BC-M12F8-M12M8-24-8	8 m (26.25 ft)			
BC-M12F8-M12M8-24-10	10 m (30.81 ft)			
BC-M12F8-M12M8-24-15	15 m (49.2 ft)			

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)			
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)			
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)			
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)			
BC-M12F8A-M12M8-24-10	10 m (30.81 ft)			
BC-M12F8A-M12M8-24-15	15 m (49.2 ft)			

8-pin M12 Cordsets - Female to Male Double-Ended, Right-Angle				
Model	Length	Dimensions (mm)	Pinouts (Female)	Pinouts (Male)
BC-M12F8A-M12M8A-24-1	1 m (3.28 ft)			
BC-M12F8A-M12M8A-24-2	2 m (6.56 ft)			
BC-M12F8A-M12M8A-24-5	5 m (16.4 ft)			
BC-M12F8A-M12M8A-24-8	8 m (26.25 ft)			
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

2 A

### Voltage Rating

30 V

### Minimum Bend Radius

>10× the outside diameter

### AWG

24 AWG

### Outer Diameter

5.59 mm

### Coding

A

### Connections

Integral 8-pin M12 quick disconnect connector (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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Original Instructions

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