

# BC-M12F4x-22-x-SF 4-pin Single-Ended Shielded Female Cordset



## Features

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

## BC-M12F4-22-X-SF Models

4-pin M12 Cordsets - Female Single-Ended, Straight, Shielded				
Model	Length	Dimensions	Pinout (Female)	
BC-M12F4-22-1-SF	1 m (3.28 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4-22-2-SF	2 m (6.56 ft)			
BC-M12F4-22-5-SF	5 m (16.4 ft)			
BC-M12F4-22-8-SF	8 m (26.25 ft)			
BC-M12F4-22-10-SF	10 m (30.81 ft)			
BC-M12F4-22-15-SF	15 m (49.2 ft)			

4-pin M12 Cordsets - Female Single-Ended, Right-Angle, Shielded				
Model	Length	Dimensions	Pinout (Female)	
BC-M12F4A-22-1-SF	1 m (3.28 ft)			1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4A-22-2-SF	2 m (6.56 ft)			
BC-M12F4A-22-5-SF	5 m (16.4 ft)			
BC-M12F4A-22-8-SF	8 m (26.25 ft)			
BC-M12F4A-22-10-SF	10 m (30.81 ft)			
BC-M12F4A-22-15-SF	15 m (49.2 ft)			

## Specifications

### Current Rating

4 A

### Voltage Rating

250 V

### Installation

Static: 10× the outside diameter

Dynamic: 15× the outside diameter

### AWG

22 AWG

### Outer Diameter

5.21 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 +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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