

# BC-M12F4x-M12M4x-U22-X 4-pin Double-Ended PUR Cordsets



## BC-M12F4-M12M4-U22-X Features

- M12 female to flying leads, four conductors, multiple length options
- Black PVC jacket, unshielded, A-code connector
- Straight connector options

## BC-M12F4-M12M4-U22-X Models

4-pin M12 Cordsets - Female to Male Double-Ended, Straight, PUR				
Model	Length	Dimensions (mm)	Pinouts	
BC-M12F4-M12M4-U22-1	1 m (3.28 ft)		Female	1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4-M12M4-U22-2	2 m (6.56 ft)		Male	
BC-M12F4-M12M4-U22-5	5 m (16.4 ft)			
BC-M12F4-M12M4-U22-8	8 m (26.25 ft)			
BC-M12F4-M12M4-U22-10	10 m (30.81 ft)			
BC-M12F4-M12M4-U22-15	15 m (49.2 ft)			

4-pin M12 Cordsets - Female Straight to Male Right-Angle, Double-Ended, PUR				
Model	Length	Dimensions (mm)	Pinouts	
BC-M12F4-M12M4A-U22-1	1 m (3.28 ft)		Female	1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4-M12M4A-U22-2	2 m (6.56 ft)		Male	
BC-M12F4-M12M4A-U22-5	5 m (16.4 ft)			
BC-M12F4-M12M4A-U22-8	8 m (26.25 ft)			
BC-M12F4-M12M4A-U22-10	10 m (30.81 ft)			
BC-M12F4-M12M4A-U22-15	15 m (49.2 ft)			

4-pin M12 Cordsets - Female Right-Angle to Male Straight, Double-Ended, PUR				
Model	Length	Dimensions (mm)	Pinouts	
BC-M12F4A-M12M4-U22-1	1 m (3.28 ft)		Female	1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4A-M12M4-U22-2	2 m (6.56 ft)		Male	
BC-M12F4A-M12M4-U22-5	5 m (16.4 ft)			
BC-M12F4A-M12M4-U22-8	8 m (26.25 ft)			
BC-M12F4A-M12M4-U22-10	10 m (30.81 ft)			
BC-M12F4A-M12M4-U22-15	15 m (49.2 ft)			

4-pin M12 Cordsets - Female to Male, Double-Ended, Right-Angle, PUR				
Model	Length	Dimensions (mm)	Pinouts	
BC-M12F4A-M12M4A-U22-1	1 m (3.28 ft)		Female	1 = Brown 2 = White 3 = Blue 4 = Black
BC-M12F4A-M12M4A-U22-2	2 m (6.56 ft)		Male	
BC-M12F4A-M12M4A-U22-5	5 m (16.4 ft)			
BC-M12F4A-M12M4A-U22-8	8 m (26.25 ft)			
BC-M12F4A-M12M4A-U22-10	10 m (30.81 ft)			
BC-M12F4A-M12M4A-U22-15	15 m (49.2 ft)			

## BC-M12F4-M12M4-U22-X Specifications

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### Current Rating

4 A

### Voltage Rating

250 V

### Installation

Static: 5× the outside diameter

Dynamic: 10× the outside diameter

### AWG

22 AWG

### Outer Diameter

5.21 mm

### Connections

Integral 4-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 PUR

### 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)

### Coding

A

### 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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