

Features

- M23 male to flying leads, 19 conductors, multiple length options
- Black TPU overmolding
- Straight connector options

Models

19-pin Single-Ended M23 Male Cordsets				
Model	Length	Dimensions (mm)	Pinout (Male)	
BC-M23M19-1822-1	1 m (3.28 ft)			<ul style="list-style-type: none"> 1 = Purple 2 = Red 3 = Gray 4 = Red/Blue 5 = Green 6 = Blue (18 AWG) 7 = Gray/Pink 8 = White/Green 9 = White/Yellow 10 = White/Gray 11 = Black 12 = Green/Yellow (18 AWG) 13 = Yellow/Brown 14 = Brown/Green 15 = White 16 = Yellow 17 = Pink 18 = Gray/Brown 19 = Brown (18 AWG)
BC-M23M19-1822-2	2 m (6.56 ft)			
BC-M23M19-1822-5	5 m (16.4 ft)			
BC-M23M19-1822-10	10 m (32.8 ft)			
BC-M23M19-1822-15	15 m (49.2 ft)			
BC-M23M19-1822-20	20 m (65.6 ft)			

Specifications

Current Rating

8 A (18 gauge wire); 2 A (22 gauge wire)

Voltage Rating

60 V DC

Minimum Bend Radius

>10× the outside diameter

AWG

18 and 22 AWG

Outer Diameter

9.8 mm

Connections

19-pin M23 male

Construction

Coupling nut: Nickel-plated brass

Terminal: Gold-plated brass

Jacket: PVC

Black TPU overmolding

Operating Conditions

Fixed installation: -40 °C to +85 °C (-40 °F to +185 °F)

Flexible installation: -25 °C to +85 °C (-13 °F to +185 °F)

Environmental Rating

IP67, IP68

Vibration and Mechanical Shock

Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 0.5 mm amplitude, 5 minutes sweep, 30 minutes dwell)

Shock: 30G 11 ms duration, half sine wave per IEC 60068-2-27

Certifications



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19-Pin Single-Ended M23 Male Cordsets

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