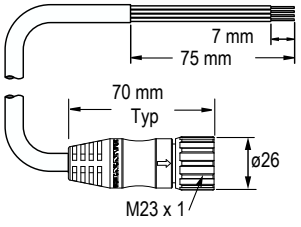
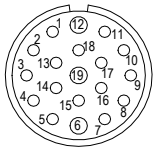
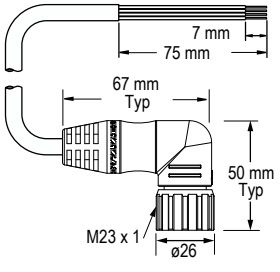
19-Pin Single-Ended M23 Female Cordsets

Features

- M23 female to flying leads, 19 conductors, multiple length options
- Black TPU overmolding
- Straight or right-angle connector options

Models

19-pin Single-Ended M23 Female Cordsets				
Model	**Length**	**Dimensions (mm)**	**Pinout (Female)**	
BC-M23F19-1822-1	1 m (3.28 ft)			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-M23F19-1822-2	2 m (6.56 ft)			
BC-M23F19-1822-5	5 m (16.4 ft)			
BC-M23F19-1822-10	10 m (32.8 ft)			
BC-M23F19-1822-15	15 m (49.2 ft)			
BC-M23F19-1822-20	20 m (65.6 ft)			
BC-M23F19A-1822-2	2 m (6.56 ft)			
BC-M23F19A-1822-5	5 m (16.4 ft)			
BC-M23F19A-1822-10	10 m (32.8 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 female

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)

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

CE

Banner Engineering BV
Park Lane, Culliganlaan 2F bus 3
1831 Diegem, BELGIUM

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Original Instructions
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