

Mini Bulk Cable (Gray/Blue)



Mini bulk cable is primarily used as trunk cable, but it can also be used as drop lines. Bulk cable with field-attachable connectors allows for maximum flexibility as cables can be made on the job to exact lengths.

- Meets and exceeds NMEA 2000® specifications for the highest reliability
- Trunk or drop cable for use with Mini connectors
- Used with field-attachable connectors to build exact length cables at the job site

Mini Field-Attachable Connector (Male/Female)



Field-attachable connectors allow you to make field connections to bulk cable. The color-coded screw terminals match the individual wire colors found within the bulk cables for error-free field installation.

- Color-coded screw terminators make for error-free field installation
- Rugged housing material designed to withstand harsh marine environments

Mini Double-Ended Cordset (Gray)

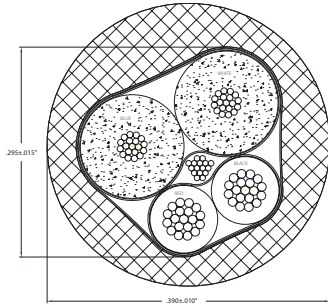


Double-ended cordsets are used for trunk or drop lines and make for a secure connection and simple timesaving installation. The connectors are keyed for error-free connection and are waterproof for continued operation even while submerged in the bilge.

- Rugged, IP68 rated connectors for continued connection integrity in marine environment
- Various cable lengths to match installation requirements

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Mini Bulk Cable (Gray/Blue)



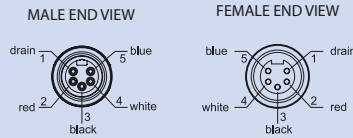
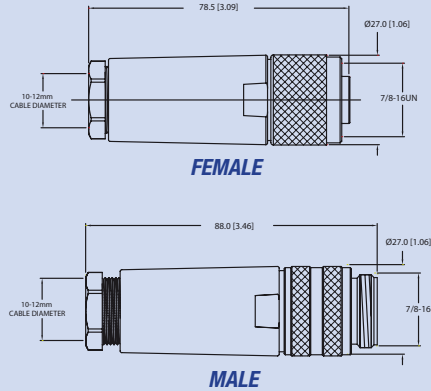
Specifications

OVERALL	
Outer Jacket Mat/Color:	PVC/Blue – NB1 PVC/Gray – NG1
Insulation Material:	PE (data), PVC (power)
Construction:	2x15 (1.45mm) AWG, 2x18 (1.02mm) AWG, 18 (1.02mm) AWG Drain Wire
Shielding (3 Levels):	Foil (overall), Foil (power pair), Foil (data pair)
POWER PAIR	
Wire:	2x15 (1.45mm) AWG
Resistance/Conductor:	3.44 Ohms/1000 ft max
Max Amperage:	16 Amps – NB1 14 Amps – NG1
Color Code:	Red/Black
DATA PAIR	
Wire:	2x18 (1.02mm) AWG
Characteristic Impedance:	120 Ohms ± 10%
Capacitance:	12 pF/1000 ft Max
Color Code:	White/Blue
APPROVALS	
UL:	PLTC 75°C Sunlight Resistant E90625, AWM 80°C 300V
CSA:	CMX-OUTDOOR-CMG LL54185 75°C, AWM I/II A/B 80C 300V FT4
NMEA:	NMEA 2000® APPROVED
IEC:	IEC-61162-3

Products

PART NUMBER	DESCRIPTION
NG1	Mini Bulk Cable (per meter – gray) (no spool)
NG1-100	Mini Bulk Cable (Two Pieces per 100m spool – gray)
NG1-100C	Mini Bulk Cable (Single Piece per 100m spool – gray)
NB1	Mini Bulk Cable (per meter – blue) (no spool)
NB1-100	Mini Bulk Cable (Two Pieces per 100m spool – blue)
NB1-100C	Mini Bulk Cable (Single Piece per 100m spool – blue)

Mini Field-Attachable Connector (Male/Female)



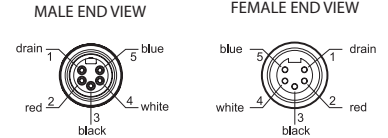
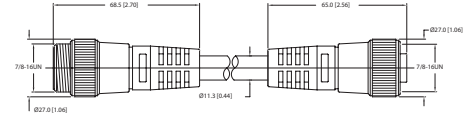
Specifications

MECHANICAL	
Housing Mat/Color:	Glass Filled Nylon/Black
Contact Mat/Plating:	Brass/Gold
Coupling Nut Material:	Anodized Aluminum
Maximum Wire Size:	16 (1.29mm) AWG
Termination Method:	Screw Terminal
ELECTRICAL	
Rated Current:	9.0 Amps
Rated Voltage:	250 Volts
ENVIRONMENTAL	
Protection Class:	IEC IP67
Temperature Range:	-40°C TO 85°C (-40°F to 185°F)
APPROVALS	
NMEA:	NMEA 2000® Approved
IEC:	IEC-61162-3

Products

PART NUMBER	DESCRIPTION
FA-NF-ST	Mini Field Attachable Connector (Female)
FA-NM-ST	Mini Field Attachable Connector (Male)

Mini Double-Ended Cordset (Gray)



Specifications

MECHANICAL	
Contact Carrier Mat/Color:	Thermoplastic PUR/Blue-Gray
Molded Head Mat/Color:	Thermoplastic PUR/Blue-Gray
Contact Mat/Plating:	Brass/Gold
Coupling Nut Mat/Plating:	Brass/Nickel
Connector Outside Diameter:	1.06"
ELECTRICAL	
Current Rating:	9.0 Amps
Voltage Rating:	300 V
CABLE	
Outer Jacket Mat/Color:	PVC/Gray
Conductor Insulation Material:	PE (data pair), PVC (power pair)
Number of Conductors:	Power 2x15 (1.45mm) AWG, 2x18 (1.02mm) AWG, 18 (1.02mm) AWG Drain Wire
Shielding (3-Levels):	Braid (Overall), Foil (Power Pair), Foil (Data Pair)
ENVIRONMENTAL	
Protection Class:	IEC IP68, NEMA 1,3,4,6P
Temperature Rating:	-40°C to 80°C (-40°F to 176°F)
APPROVALS	
(Cable) UL:	PLTC 75°C Sunlight Resistant E90625, AWM 80°C 300V
(Cable) CSA:	CMX-OUTDOOR-CMG LL54185 75°C, AWM I/II A/B 80C 300V FT4
NMEA:	NMEA 2000® Approved
IEC:	IEC 61162-3

Products

PART NUMBER	DESCRIPTION
NM-NG1-NF-00.5	Mini Double-Ended Cordset - M to F - 0.5M (gray)
NM-NG1-NF-01.0	Mini Double-Ended Cordset - M to F - 1M (gray)
NM-NG1-NF-02.0	Mini Double-Ended Cordset - M to F - 2M (gray)
NM-NG1-NF-03.0	Mini Double-Ended Cordset - M to F - 3M (gray)
NM-NG1-NF-04.0	Mini Double-Ended Cordset - M to F - 4M (gray)
NM-NG1-NF-05.0	Mini Double-Ended Cordset - M to F - 5M (gray)
NM-NG1-NF-06.0	Mini Double-Ended Cordset - M to F - 6M (gray)
NM-NG1-NF-07.0	Mini Double-Ended Cordset - M to F - 7M (gray)
NM-NG1-NF-08.0	Mini Double-Ended Cordset - M to F - 8M (gray)
NM-NG1-NF-09.0	Mini Double-Ended Cordset - M to F - 9M (gray)
NM-NG1-NF-10.0	Mini Double-Ended Cordset - M to F - 10M (gray)