

## Mid Bulk Cable (Gray/Blue)



Mid bulk cable is primarily used as drop cable, but it can also be used at the trunk line depending on network power requirements. 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
- Used with field-attachable connectors to build exact length cables at the job site
- Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable

## Mid Double-Ended Cordsets (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 environments
- Various cable lengths to match installation requirements
- Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable

## Mid Double-Ended Cordsets (Blue)

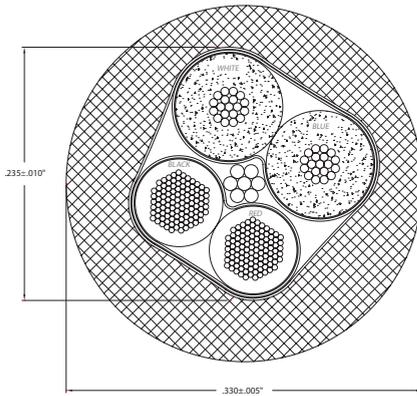


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## Mid Bulk Cable (Gray/Blue)



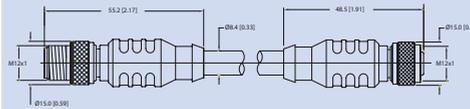
### Specifications

<b>OVERALL</b>	
Outer Jacket Mat/Color:	PVC/Gray – <b>DG1</b> PVC/Blue – <b>DB1</b>
Insulation Material:	PE (data wires), PVC (power wires)
Construction:	2x16 (1.29mm) AWG, 2x20 (0.81mm) AWG, 20 (0.81mm) AWG Drain Wire
Shielding (3 levels):	Foil (overall), Foil (power pair), Foil (data pair)
<b>POWER PAIR</b>	
Wire:	2x16 (1.29mm) AWG
Resistance/Conductor:	4.1 Ohms/1000 ft max
Max Amperage:	14 Amps
Color Code:	Red/Black
<b>DATA PAIR</b>	
Wire:	2x20 (0.81mm) (AWG)
Characteristic Impedance:	120 Ohms ± 10%
Capacitance:	10.75 pF/ft
Color Code:	White/Blue
<b>APPROVALS</b>	
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

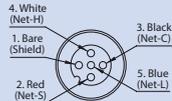
### Products

PART NUMBER	DESCRIPTION
DG1	Mid Bulk Cable (per meter – gray) (no spool)
DG1-100	Mid Bulk Cable (Two Pieces per 100m spool – gray)
DG1-100C	Mid Bulk Cable (Single Piece per 100m spool – gray)
DB1	Mid Bulk Cable (per meter – blue) (no spool)
DB1-100	Mid Bulk Cable (Two Pieces per 100m spool – blue)
DB1-100C	Mid Bulk Cable (Single Piece per 100m spool – blue)

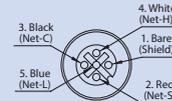
## Mid Double-Ended Cordsets (Gray)



MALE END VIEW



FEMALE END VIEW



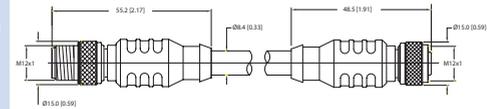
### Specifications

<b>MECHANICAL</b>	
Contact Carrier Mat/Color:	Thermoplastic PUR/Blue-Gray
Molded Body Mat/Color:	Thermoplastic PUR/Blue-Gray
Contact Mat/Plating:	Brass/Gold
Coupling Nut Mat/Plating:	Brass/Nickel
Connector Outside Diameter:	0.59"
<b>ELECTRICAL</b>	
Current Rating:	4.0 Amps
Voltage Rating:	250 V
<b>CABLE</b>	
Outer Jacket Mat/Color:	PVC/Gray
Conductor Insulation Material:	PE (data pair), PVC (power pair)
Number of Conductors:	2x16 (1.29mm) AWG, Data 2x20 (0.81mm) AWG, 20 (0.81mm) AWG Drain Wire
Shielding (3 Levels):	Alum/Polyester Foil (Overall), Foil (Power Pair), Foil (Data Pair)
<b>ENVIRONMENTAL</b>	
Protection Class:	IEC IP68, NEMA 1,3,4,6P
Temperature Rating:	-40°C to 80°C to (-40°F to 176°F)
<b>APPROVALS</b>	
(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

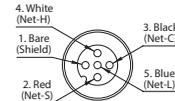
### Products

PART NUMBER	DESCRIPTION
DM-DG1-DF-00.5	Mid Double-Ended Cordset - M to F - 0.5M (gray)
DM-DG1-DF-01.0	Mid Double-Ended Cordset - M to F - 1M (gray)
DM-DG1-DF-02.0	Mid Double-Ended Cordset - M to F - 2M (gray)
DM-DG1-DF-03.0	Mid Double-Ended Cordset - M to F - 3M (gray)
DM-DG1-DF-04.0	Mid Double-Ended Cordset - M to F - 4M (gray)
DM-DG1-DF-05.0	Mid Double-Ended Cordset - M to F - 5M (gray)
DM-DG1-DF-06.0	Mid Double-Ended Cordset - M to F - 6M (gray)
DM-DG1-DF-08.0	Mid Double-Ended Cordset - M to F - 8M (gray)
DM-DG1-DF-10.0	Mid Double-Ended Cordset - M to F - 10M (gray)

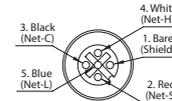
## Mid Double-Ended Cordsets (Blue)



MALE END VIEW



FEMALE END VIEW



### Specifications

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Contact Carrier Mat/Color:	Thermoplastic PUR/Blue-Gray
Molded Body Mat/Color:	Thermoplastic PUR/Blue-Gray
Contact Mat/Plating:	Brass/Gold
Coupling Nut Mat/Plating:	Brass/Nickel
Connector Outside Diameter:	0.59"
<b>ELECTRICAL</b>	
Current Rating:	4.0 Amps
Voltage Rating:	250 V
<b>CABLE</b>	
Outer Jacket Mat/Color:	PVC/Blue
Conductor Insulation Material:	PE (data pair), PVC (power pair)
Number of Conductors:	2x16 (1.29mm) AWG, 2x20 (0.81mm) AWG, 20 (0.81mm) AWG Drain Wire
Shielding (3 Levels):	Foil (Overall), Foil (Power Pair), Foil (Data Pair)
<b>ENVIRONMENTAL</b>	
Protection Class:	IEC IP68, NEMA 1,3,4,6P
Temperature Rating:	-40°C to 80°C to (-40°F to 176°F)
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