Micro Bulk Cable

Micro 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
- Trunk or drop cable for use with Micro connectors
- Used with field-attachable connectors to build exact length cables at the job site

Micro/Mid Field-Attachable Connectors (Straight – Male/Female)

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

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

Micro/Mid Field-Attachable Connectors (90° Male/Female)

Like the straight Micro/Mid Field-Attachable Connectors, the 90° field attachable connectors allow you to make field connections to bulk cable. The 90° connectors are particularly well suited for tight spaces like the back of displays where there is limited space for a straight connector.

- Useful in tight spaces or where sharp corners need to be made
- Waterproof rated to IP67
Specifications

OVERALL
- Outer Jacket Mat/Color: PVC/Gray
- Insulation Material: PE (data wires), SRPVC (power wires)
- Construction:
  - 4x22 (0.65mm) AWG
  - 22 (0.65mm) AWG Drain
- Shielding (3 Levels): FOIL (overall), FOIL (power pair), FOIL (data pair)

POWER PAIR
- Wire: 2x22 (0.65mm) AWG
- Resistance/Conductor: 18.1 Ohms/1000ft
- Max Amperage: 6 Amps
- Color Code: Red/Black

DATA PAIR
- Wire: 2x22 (0.65mm) AWG
- Characteristic Impedance: 120 Ohms ± 10%
- Capacitance: 11.33pF/ft ± 10%
- Color Code: White/Blue

APPROVALS
- UL: PLTC 75°C Sunlight Resistant E90625, AWG 80°C 300V
- CSA: CMX-OUTDOOR-CMG LL54185 75°C, AWG 80°C 300V FT4
- NMEA: NMEA 2000® Approved
- IEC: IEC-61162-3

Electrical
- Rated Current: 4.0 Amps
- Rated Voltage: 30 V AC/ 36 V DC

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

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<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>CG1</td>
<td>Micro Bulk Cable (per meter – gray) (no spool)</td>
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<tr>
<td>CG1-100</td>
<td>Micro Bulk Cable (Two Pieces per 100m spool – gray)</td>
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<tr>
<td>CG1-100C</td>
<td>Micro Bulk Cable (Single Piece per 100m spool – gray)</td>
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