

Mini Double-Ended Cordset (Blue)



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, IP67 rated connectors for continued connection integrity in marine environment
- Various cable lengths to match installation requirements

Mini Tees



A Tee is used to tap into the trunk line for adding a drop connection. Two Mini Tees are available: 1) a Mini Tee with Mini connectors for the trunk and drop lines, and 2) a Mini/Micro Tee with Mini connectors for the trunk lines and a Micro connector for the drop line.

- Gold Contacts for greatest reliability
- Keyed connectors for error-free connections

Mini Powertap / Mini Power Cord

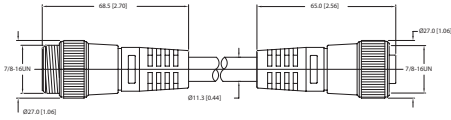


A Powertap is connected to a network backbone just like any Tee but rather than connecting a device, its purpose is to provide "bus" power. Typically a Powertap is placed as central as possible between total devices on backbone. Maretron Powertap uniquely provides two power inputs permitting doubled power provision for devices.

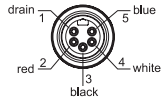
- Connects power supply to NMEA 2000® Trunk Line in convenient plug/play fashion
- Replaceable fuses to protect bus and connected components from excessive current

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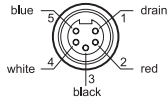
Mini Double-Ended Cordset (Blue)



MALE END VIEW



FEMALE END VIEW



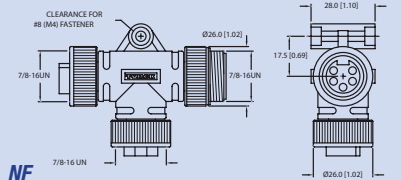
Specifications

MECHANICAL	<p>Contact Carrier Mat/Color: Thermoplastic PUR/Blue-Gray</p> <p>Molded Body Mat/Color: Thermoplastic PUR/Blue-Gray</p> <p>Contact Mat/Plating: Brass/Gold</p> <p>Coupling Nut Mat/Plating: Brass/Nickel</p> <p>Connector Outside Diameter: 1.06"</p>
ELECTRICAL	<p>Current Rating: 9.0 Amps</p> <p>Voltage Rating: 300 V</p>
CABLE	<p>Outer Jacket Mat/Color: PVC/Blue</p> <p>Conductor Insulation Material: PE (data pair), PVC (power pair)</p> <p>Number of Conductors: 2x15 (1.45mm) AWG, 2x18 (1.02mm) AWG, 18 (1.02mm) AWG Drain Wire</p> <p>Braid (Overall), Foil (Power Pair), Foil (Data Pair)</p>
ENVIRONMENTAL	<p>Protection Class: IEC IP67, NEMA 1,3,4,6P</p> <p>Temperature Rating: -40°C to 80°C (-40°F to 176°F)</p>
APPROVALS	<p>(Cable) UL: PLTC 75°C Sunlight Resistant E90625, AWM 80°C 300V</p> <p>(Cable) CSA: CMX-OUTDOOR-CMG LL54185 75°C, AWM I/II A/B 80C 300V FT4</p> <p>NMEA: NMEA 2000® Approved</p> <p>IEC: IEC 61162-3</p>

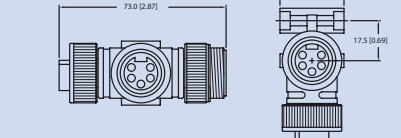
Products

PART NUMBER	DESCRIPTION
NM-NB1-NF-00.5	Mini Double-Ended Cordset - M to F - 0.5M (blue)
NM-NB1-NF-01.0	Mini Double-Ended Cordset - M to F - 1M (blue)
NM-NB1-NF-02.0	Mini Double-Ended Cordset - M to F - 2M (blue)
NM-NB1-NF-03.0	Mini Double-Ended Cordset - M to F - 3M (blue)
NM-NB1-NF-04.0	Mini Double-Ended Cordset - M to F - 4M (blue)
NM-NB1-NF-05.0	Mini Double-Ended Cordset - M to F - 5M (blue)
NM-NB1-NF-06.0	Mini Double-Ended Cordset - M to F - 6M (blue)
NM-NB1-NF-08.0	Mini Double-Ended Cordset - M to F - 8M (blue)
NM-NB1-NF-10.0	Mini Double-Ended Cordset - M to F - 10M (blue)

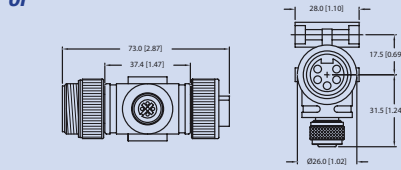
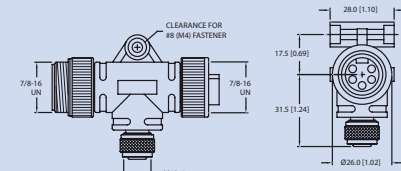
Mini Tees



NF



CF



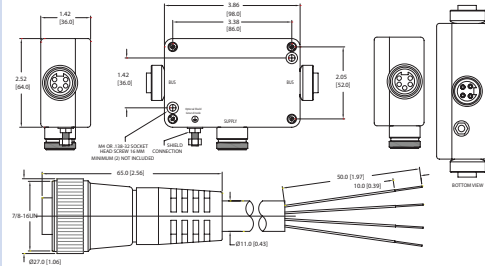
Specifications

MECHANICAL	<p>Molded Body Mat/Color: Thermoplastic PUR/Blue-Gray</p> <p>Contact Carrier Mat/Color: Thermoplastic PUR/Blue-Gray</p> <p>Contact Mat/Plating: Brass/Gold</p> <p>Coupling Nut Mat/Plating: Brass/Nickel</p>
ELECTRICAL	<p>Rated Current: 9.0 Amps – NM-NF-NF 4.0 Amps (Micro) 9.0 Amps (Mini) – NM-CF-NF</p> <p>Rated Voltage: 600 V – NM-NF-NF 250 V – NM-CF-NF</p>
ENVIRONMENTAL	<p>Protection Class: IEC IP67, NEMA 1,3,4,6P</p> <p>Temperature Range: -40°C to 80°C (-40°F to 176°F)</p>
APPROVALS	<p>NMEA: NMEA 2000® APPROVED</p> <p>IEC: IEC 61162-3</p>

Products

PART NUMBER	DESCRIPTION
NM-NF-NF	Mini Tee
NM-CF-NF	Mini/Micro Tee

Mini Powertap / Mini Power Cord



Color	Name	Usage	Connector
Black	NET-C	Ground	V-1 & V-2
White	NET-S	Power	V+1 & V+2
Green	NET-C	Ground	V-1 & V-2
Red	NET-S	Power	V+1 & V+2

Specifications

ELECTRICAL	<p>Protection Circuit: Slo-Blow Fuse: 8 Amps, 250 V Metric Fuse Block: 5x20 mm Trip Time: 4 sec Min to 100 sec max Type: MBR 3045PT Max: Reverse Voltage VRWM=45 V Max: Average Fwd Cur IFRM=30 Amps Peak Surge Cur I=8.3 sec., IFSM=200 Amps Max Vf = 0.65 V @ 125°C and If=20 Amps</p> <p>Bus Line Minimum Conductor: 16 AWG 8 Amps (Mini 5-Pin)</p> <p>Supply Line Minimum Conductor: 16 AWG 8 Amps (Mini 4-Pin)</p>	NF-NM4P-NF
ENVIRONMENTAL	<p>Temperature Range: -40°C to 70°C (-40°F to 158°F)</p> <p>Storage Temperature: -40°C to 85°C (-40°F to 185°F)</p>	
APPROVALS	<p>NMEA: NMEA 2000® APPROVED</p> <p>IEC: IEC 61162-3</p>	
MECHANICAL	<p>Molded Body Mat/Color: Thermoplastic PUR/Yellow</p> <p>Outer Jacket Mat/Color: PVC/Yellow</p> <p>Contact Carrier Mat/Color: Thermoplastic PUR/Yellow</p> <p>Contact Mat/Plating: Brass/Gold</p> <p>Coupling Nut Mat/Plating: Brass/Nickel</p> <p>Conductor Insulation Mat: PVC</p>	NM4P-01, NM4P-05
ELECTRICAL	<p>Conductors: 4x16 (1.29mm) AWG</p> <p>Current Rating: 9.0 Amps</p> <p>Voltage Rating: 600 V</p>	
ENVIRONMENTAL	<p>Protection Class: IEC IP67, NEMA 1,3,4,6P</p> <p>Temperature Range: -40°C to 105°C (-40°F to 221°F)</p>	
APPROVALS	<p>NMEA: NMEA 2000® APPROVED</p> <p>IEC: IEC 61162-3</p>	

Products

PART NUMBER	DESCRIPTION
NF-NM4P-NF	Mini Powertap - Female-Female with Fuses
NM4P-01	Mini Power Cord - Female to Pigtail - 1 Meter
NM4P-05	Mini Power Cord - Female to Pigtail - 5 Meter