

## Micro Double-Ended Cordsets



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 they 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

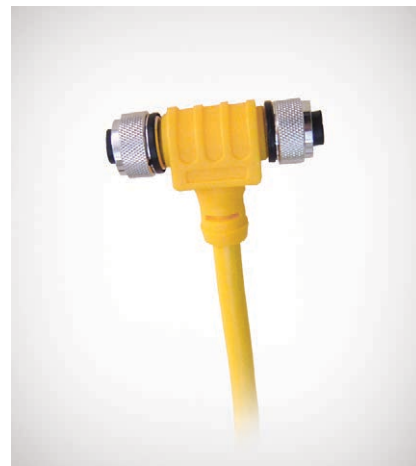
## Micro Tee



A Tee is used to tap into the trunk line for adding a drop connection. The standard tee is also available with a cap for a protected diagnostic connection. Tees can be mated with all other devices on the network of the same connector style.

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

## Micro/Mid Powertap Tee

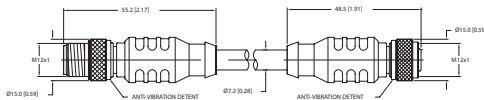


A Powertap Tee is connected to a network backbone just like any Tee but rather than connecting a device their purpose is to provide “bus” power. Maretron Powertap Tee uniquely provides two power inputs permitting doubled power provision for devices.

- Yellow cable indicates power and can't be confused with gray network cable
- Two cable lengths to match installation requirements

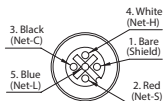
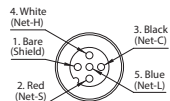
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## Micro Double-Ended Cordsets



MALE END VIEW

FEMALE END VIEW



## Specifications

### MECHANICAL

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"

### ELECTRICAL

Current Rating: 4.0 Amps  
 Voltage Rating: 250 V

### CABLE

Outer Jacket Mat/Color: PVC/Gray  
 Conductor Insulation Material: HDPE (data pair), SRPVC (power pair)  
 Number of Conductors: 4X22 AWG, 22 AWG Drain Wire  
 Shielding (3-Levels): FOIL (Overall), FOIL (Power Pair), FOIL (Data Pair)

### ENVIRONMENTAL

Protection Class: IEC IP68, NEMA 1,3,4,6P  
 Temperature Rating: -40°C to 80°C to (-40°F to 176°F)

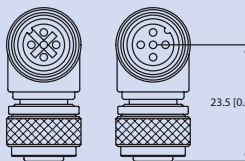
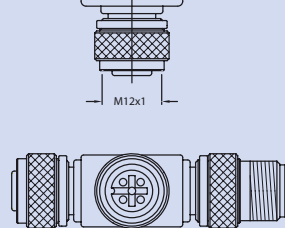
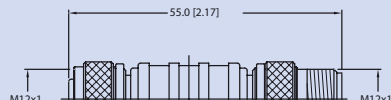
### APPROVALS

(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

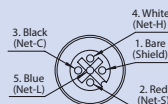
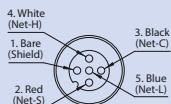
PART NUMBER	DESCRIPTION
CM-CG1-CF-00.5	Micro Double-Ended Cordset - M to F - 0.5M (gray)
CM-CG1-CF-01.0	Micro Double-Ended Cordset - M to F - 1M (gray)
CM-CG1-CF-02.0	Micro Double-Ended Cordset - M to F - 2M (gray)
CM-CG1-CF-03.0	Micro Double-Ended Cordset - M to F - 3M (gray)
CM-CG1-CF-04.0	Micro Double-Ended Cordset - M to F - 4M (gray)
CM-CG1-CF-05.0	Micro Double-Ended Cordset - M to F - 5M (gray)
CM-CG1-CF-06.0	Micro Double-Ended Cordset - M to F - 6M (gray)
CM-CG1-CF-08.0	Micro Double-Ended Cordset - M to F - 8M (gray)
CM-CG1-CF-10.0	Micro Double-Ended Cordset - M to F - 10M (gray)

## Micro Tee



MALE END VIEW

FEMALE END VIEW



## Specifications

### MECHANICAL

Molded Body Mat/Color: Thermoplastic PUR/Blue  
 Contact Carrier Mat/Color: PA 6 (Nylon)/Black  
 Contact Mat/Plating: Brass/Gold  
 Coupling Nut Mat/Plating: Brass/Nickel

### ELECTRICAL

Rated Current: 4.0 Amps  
 Rated Voltage: 60 V

### ENVIRONMENTAL

Protection Class: IEC IP67, NEMA 1,3,4,6  
 Operating Temperature: -40°C TO 80°C (-40°F to 176°F)

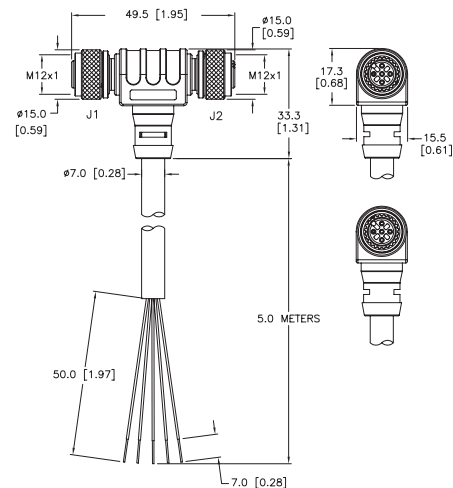
### APPROVALS

NMEA: NMEA 2000® Approved  
 IEC: IEC 61162-3

## Products

PART NUMBER	DESCRIPTION
CM-CF-CF	Micro Tee

## Micro/Mid Powertap Tees



Color	Name	Usage	Connector
Blue	NET-C	Ground	J1
Brown	NET-S	Power	J1
Gray	SHIELD	Drain	J1 & J2
Black	NET-C	Ground	J2
White	NET-S	Power	J2

## Specifications

### MECHANICAL

Molded Body Mat/Color: Thermoplastic PUR/Yellow  
 Contact Carrier Mat/Color: Thermoplastic PUR/Black  
 Contact Mat/Plating: Brass/Gold  
 Coupling Nut Mat/Plating: Brass/Nickel  
 Cable Jacket Mat/Color: PVC/ Yellow  
 Conductor Insulation Mat: PVC  
 Number of Conductors: 5x18 (1.02mm) AWG

### ELECTRICAL

Voltage Rating: 250 V  
 Max Amperage: 4.0 Amps

### ENVIRONMENTAL

Protection Class: IEC IP67, NEMA 1,3,4,6P  
 Operating Temperature: -40°C to 105°C (-40°F to 221°F)

### APPROVALS

NMEA: NMEA 2000® Approved  
 IEC: IEC 61162-3

## Products

PART NUMBER	DESCRIPTION
CF-SPWR05-CF	Micro/Mid Powertap Tee - FM (left)/ 5 Meter 5 Wire Power drop (bottom)/FM (right)