

NMEA2000® MICRO CABLING AND CONNECTORS



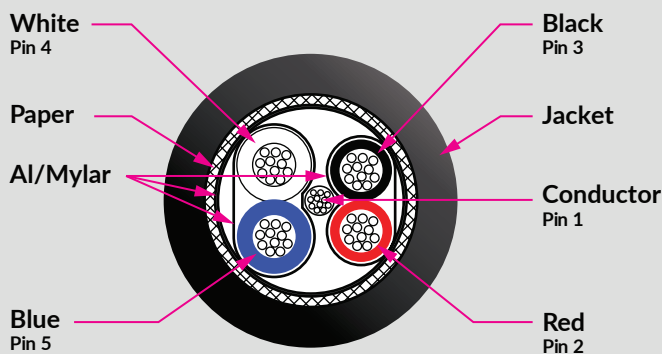
FEATURES

- ◆ NMEA2000® network standard
- ◆ Easy to Install
- ◆ Robust Design and Construction
- ◆ Waterproof to IP67/68

The NMEA2000® network comprises of a single trunk or backbone cable running through the length of the vessel with Tee connectors positioned where devices are to be attached to the network and a terminator at each end.

The trunk or backbone cable can be created by either using made up cables or cordsets that come in a range of lengths or by running bulk cable and using field installable connectors where Tee connectors are required.

Micro Cable Specifications

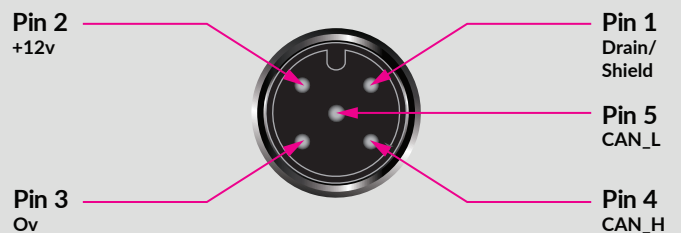


The light pair used for the network power shall be No. 22AWG (0.38 sq. mm) or heavier. The light pair for signals shall have the following electrical characteristics.

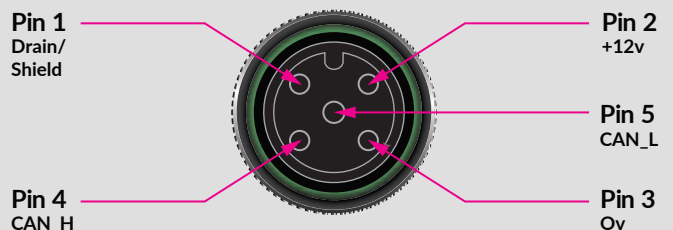
No. 24 AWG (0.24 sq. mm) or heavier.
Characteristics impedance: 95- 140 Ohms
15 twists (minimum) per metre.

Micro Cable Pin Assignment

Male



Female



NMEA2000® Micro Connectors



Micro Female Blanking Plug

Part No.: 3801



Micro Tee Connector

Part No.: 3802



Micro Dual Tee Connector

Part No.: 3802-2



Micro Quad Tee Connector

Part No.: 3802-4



Micro Female/Male Terminator

Part No.: 3803/4



Microfield Installable Connector Male

Part No.: 3805/6



Micro Bulkhead Feed Through

Part No.: 3807



Micro Power Cable - 2m

Part No.: 3832



Micro In-Terminator

Part No.: 3808



Micro Right Angle Connector

Part No.: 3840

Specification

Connector Material	PU&NY+GF
Nut Material	Brass, Nickel Plated
Pin Material	Alloy, 6u" Min. Gold Plated
Wire	UL1007
IP	68 (IP 67 parts 3805/3806/3802)

NMEA2000® Micro Cables



Micro Trunk/Drop Cable

Part No.:
3809 - 0.2m
3810 - 0.5m
3811 - 1m
3812 - 2m
3813 - 3m
3815 - 5m
3819 - 10m



Micro Trunk/Drop Cable Male/Male

Part No.:
3825 - 0.5m



Micro Trunk/Drop Cable Female/Female

Part No.:
3826 - 0.5m



Micro Trunk/Drop Cable Male/Female 90°

Part No.:
3827 - 0.2me
3828 - 0.5m
3829 - 1.0m



Cable Per Metre/Micro Cable 100 Metre Reel

Part No.: 3821

Specification

Temp	80°C
Voltage	300v
Conductor	Tinned Copper Stranded
Jacket	O.D. 6.85±0.25mm
IP	68

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