

# 东莞市德索精密工业有限公司

## NMEA 2000 Cables & Connectors



DOSIN NMEA 2000 connector system is meticulously designed to meet the rigorous protocols and standards of NMEA 2000.

Engineered with an IP67 rating, this versatile system includes multi-terminal connectors, standard and metric circular connectors, sensor and actuator cables, as well as elbow series connectors.



Wire and cable are the backbone of every electrical system and properly selected wire will ensure a safe and reliable system.

## NMEA 2000® Cables and Connectors

### Premium Quality. Universal Fit.

DOSIN NMEA 2000 connector system serves as an excellent solution for seamlessly interconnecting marine electronics and display devices. With its exceptional signal reliability, the NMEA 2000 series enables multiple electronic devices to efficiently share data over a common channel.

NMEA 2000 Approved, 100% universal and compatible with other manufacturers' products

### NMEA 2000 Micro-size



#### NMEA 2000 Power Cable With Tee

For power connection to an NMEA 2000 network.

- Includes a tee for direct connection to backbone cables
- Large power conductors to reduce voltage drop, provide better reliability and meet the requirements of ABYC and the USCG for minimum size power conductors



#### NMEA 2000 Backbone Cables

For connection to an NMEA 2000 tee connector.

Large power conductors to reduce voltage drop and provide better reliability for critical backbone cables

- 1.6 ft .5 m
- 6.5 ft 2 m
- 16 ft 5 m
- 32 ft 10 m
- Customisable



#### NMEA 2000 Drop Cables

For connection between an NMEA 2000 device and tee connector.

The drop cables are smaller in diameter and more flexible than backbone cables for easy connection to NMEA 2000 devices.

- 1.6 ft .5 m
- 3.3 ft 1 m
- 6.5 ft 2 m
- 16 ft 5 m
- Customisable

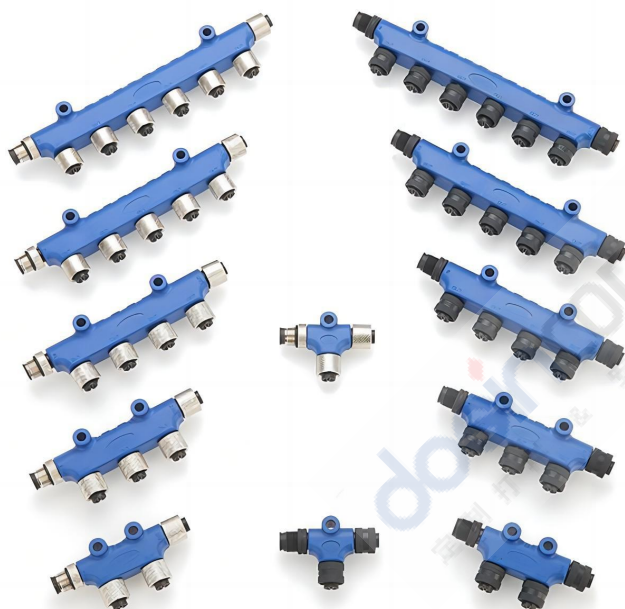
### NMEA 2000 Tee Connectors

For connection between NMEA 2000 drop cables and backbone cables.

Dosin offers tee connectors in six different configurations to provide maximum flexibility during installation. These multi-way tee connectors enable the connection of multiple drop cables without the need for an additional backbone cable.

- Single Tee Connector
- 2 Way Tee Connector
- 3 Way Tee Connector
- 4 Way Tee Connector
- 5 Way Tee Connector
- 6 Way Tee Connector

Metal and plastic connector available



### NMEA 2000 Terminators

For proper termination of an NMEA 2000 network.

For each NMEA 2000 network, it is necessary to have one male and one female terminator.

- Female
- Male

Metal and plastic connector available



### NMEA 2000 90° Elbow Connector

Makes cable routing easier.

The connector is installed between two cables to reduce stress on the cables and create a compact installation.

Metal and plastic connector available



## NMEA 2000 mini-size



### NMEA 2000 Mini Backbone/Drop Cables

For connection to an NMEA 2000 tee connector, or between an NMEA 2000 device and tee connector.

- Wire length customized
- Metal and plastic connectors available



### NMEA 2000 Mini Connectors

For connecting NMEA 2000 reserved and backbone cables, proper termination of NMEA 2000 networks, and termination of NMEA bare cables.

- Single Tee Connector
- Female Terminator
- Male Terminator

## TECH TIP

**NMEA Components**—cables and connectors must pass NMEA approval to guarantee that they are manufactured to standards which allow them to be universally used with any manufacturers approved components and certified devices.

**NMEA Devices**—must be certified to run the universal NMEA 2000 communications protocols to be used universally between different manufacturers devices.

