

NMEA

series

NMEA

ODS Electronics

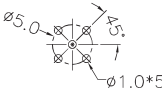
Quality Products · Innovative Solution

NMEA 2000 Receptacle

PCB LAYOUT

NMEA MF-FM

Male Connector
Male Pin
&
Female Connector
Female Pin



Current

5A

WIRE COLOR PIN ASSIGNMENT

NMEA

Male



Female



1 = Drain 2 = Red 3 = Black 4 = White 5 = Blue

NMEA 2000 Receptacle

Product Specifications

Contact Number	5P	Voltage Rating	125VDC
Coding	MICRO-C	Contact Resistance	≤1mΩ (Initial)
Contact Housing	Nylon + GF	Insulation Resistance	≥100MΩ at DC 500V
Shell / Screw Nut	Metal: Copper or Zinc Alloy, Nickel Plated	Withstanding Voltage	AC 1000V/1 minute
	Plastic: Nylon + GF	Temperature Range	-40°C ~ +90°C
Terminal	Copper Alloy, Gold Plated 30u"	Salt Spray	48 hr.
Mating Style	Screw Thread	Protection Class	IPX8 (unmated)
Max Panel Thickness	4,5mm (Without Cap Chain)	Durability	1000 times
Current Rating	5A	Standard	NMEA2000

How to Order

NXAXM05MCC - SHX800X

Style
P - Front Fastened
R - Rear Fastened

Serial Number

Series
NA - Metal Shell (Certified)
NB - Metal Shell (Non Certified)
NP - Plastic Shell (Certified)
NR - Plastic Shell (Non Certified)

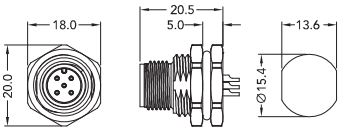
Assembly Style
S - Solder Type
P - PCB Type

NMH - MM1MF1000001

Style
H - Bulkhead

NMEA 2000 Receptacle (Metal)

Front Fastened, IPX8

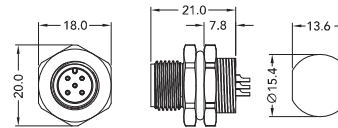


- Features and Benefits**
- Provides panel-mount capability ideal for use in enclosures
 - Available in solder or PCB contacts
 - Rugged, IPX8 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000 M12 Metal panel mount receptacles in PG9 Metal Thread

Part Number	Contact	Description	Part Number	Contact	Description
NAAPM05MCC-SHS8001	5	Male Conn. MICRO-C, Solder Contact	NAAPM05MCC-SHP8001	5	Male Conn. MICRO-C, PCB Contact

NMEA 2000 Receptacle (Metal)

Rear Fastened, IPX8

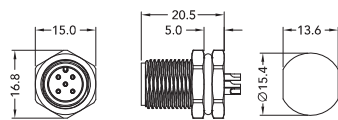


- Features and Benefits**
- Provides panel-mount capability ideal for use in enclosures
 - Available in solder or PCB contacts
 - Rugged, IPX8 rated connectors for continued connection integrity in marine environment
 - Non-Certified NMEA 2000 M12 Metal panel mount receptacles in PG9 Thread

Part Number	Contact	Description
NBARM05MCC-SHS8001	5	Male Conn. MICRO-C, Solder Contact

NMEA 2000 Receptacle (Metal)

Front Fastened, IPX8

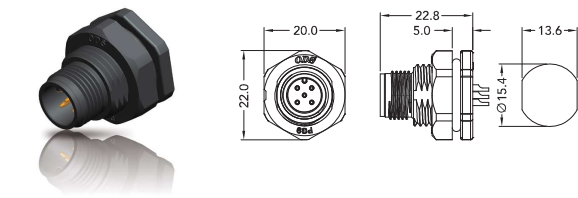


- Features and Benefits**
- Provides panel-mount capability ideal for use in enclosures
 - Available in solder or PCB contacts
 - Rugged, IPX8 rated connectors for continued connection integrity in marine environment
 - Non-Certified NMEA 2000 M12 Metal panel mount receptacles in M12 Thread

Part Number	Contact	Description	Part Number	Contact	Description
NBAPM05MCC-SHS8002	5	Male Conn. MICRO-C, Solder Contact	NBAPM05MCC-SHP8002	5	Male Conn. MICRO-C, PCB Contact

NMEA 2000 Receptacle (Plastic)

Front Fastened, IPX8

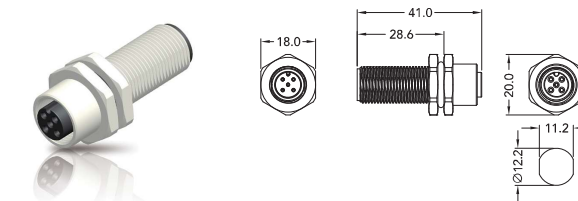


- Features and Benefits**
- Provides panel-mount capability ideal for use in enclosures
 - Available in solder or PCB contacts
 - Rugged, IPX8 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000 M12 Plastic panel mount receptacles in PG9 Thread

Part Number	Contact	Description	Part Number	Contact	Description
NPAPM05MCC-SH58001	5	Male Conn. MICRO-C, Solder Contact	NPAPM05MCC-SHP8001	5	Male Conn. MICRO-C, PCB Contact

NMEA 2000 Receptacle (Metal)

Bulkhead, IPX8



- Features and Benefits**
- Allows new connection points in a network through panels or bulkheads
 - Creates positive alignment of connections
 - Waterproof rated to IPX8 for reliable connections
 - Certified NMEA 2000

Part Number	Contact	Description
NMH-MM1MF1000001	5	Bulkhead MICRO-C



NMEA 2000 Light Cable Assy

Product Specifications

Contact Number	5P	Contact Resistance	≤ 1mΩ (Initial)
Coding	MICRO-C	Withstanding Voltage	AC 1000V/1 minute
Contact Housing	Nylon + GF	Temperature Range	-20°C ~ +80°C
Screw Nut	Metal: Copper or Zinc Alloy, Nickel Plated Plastic: Nylon + GF	Salt Spray	48 hr.
Terminal	Copper Alloy, Gold Plated 30u"	Protection Class	IPX7 (mated)
Mating Style	Screw Thread	Durability	1000 times
Current Rating	3A	Standard	NMEA2000
Voltage Rating	125VDC	Cable Style	(1P*24AWG+Al/Mylon)+ (1P*22AWG+Al/Mylon)+B+D

How to Order

NXMBX05XCC – SXC7GXXX

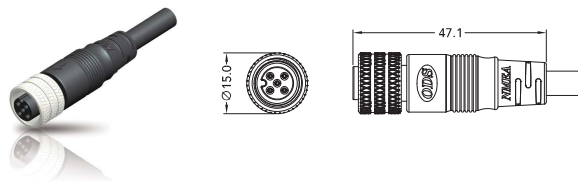
Series NA – Metal Nut (Certified) NB – Metal Nut (Non Certified) NP – Plastic Nut (Certified) NR – Plastic Nut (Non Certified)	Connector Gender F – Female M – Male	Contact Type F – Female M – Male	Cable Type / Length Meter: G01M~G20M Feet: G01F~G66F
Back Shell L – Straight(180°) R – Right Angle (90°)			

NX X – MM1MF1000GXXX

Style P – Tap-Cable D – Double End Cable	Cable Type / Length Meter: G01M~G20M Feet: G01F~G66F
Series NA – Metal Nut (Certified) NB – Metal Nut (Non Certified) NP – Plastic Nut (Certified) NR – Plastic Nut (Non Certified)	

NMEA 2000 Light Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)

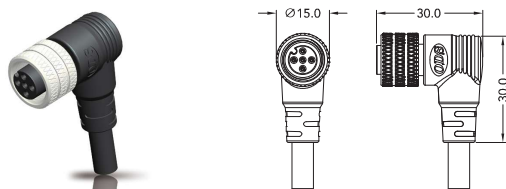


- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NAMBF05FCC-5LC7GXXX	5	Female Conn. MICRO-C, Overmoulded With Cable

NMEA 2000 Light Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)



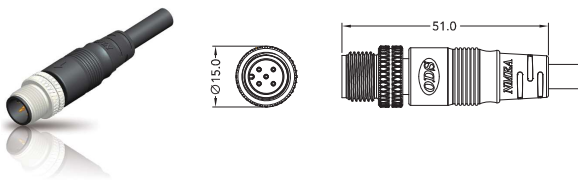
- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non-Certified NMEA 2000

Part Number	Contact	Description
NBMBF05FCC-5RC7GXXX	5	Female Conn. MICRO-C, Overmoulded With Cable



NMEA 2000 Light Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)

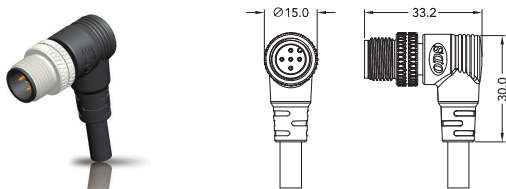


- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NAMBM05MCC-5LC7GXXX	5	Male Conn. MICRO-C, Overmoulded With Cable

NMEA 2000 Light Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)



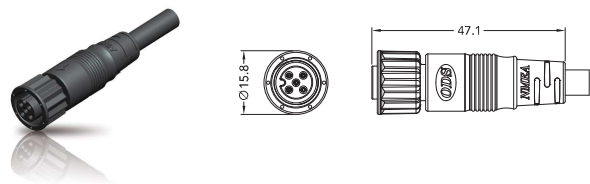
- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non-Certified NMEA 2000

Part Number	Contact	Description
NBMBM05MCC-5RC7GXXX	5	Male Conn. MICRO-C, Overmoulded With Cable



NMEA 2000 Light Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)

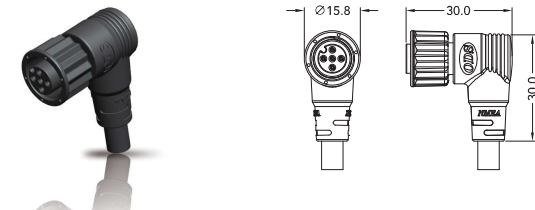


- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NPMBF05FCC-SLC7GXXX	5	Female Conn. MICRO-C, Overmoulded With Cable

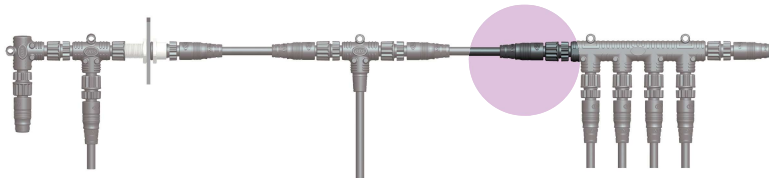
NMEA 2000 Light Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)



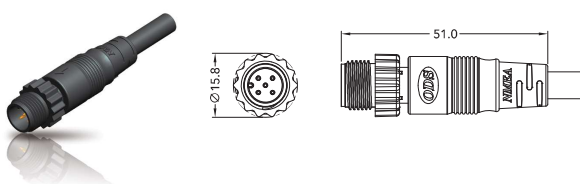
- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NPMBF05FCC-SRC7GXXX	5	Female Conn. MICRO-C, Overmoulded With Cable



NMEA 2000 Light Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)

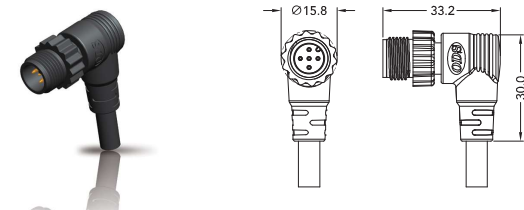


- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NPMBM05MCC-SLC7GXXX	5	Male Conn. MICRO-C, Overmoulded With Cable

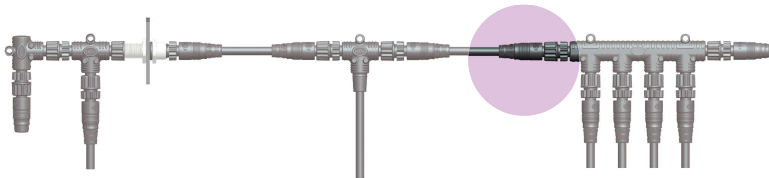
NMEA 2000 Light Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)



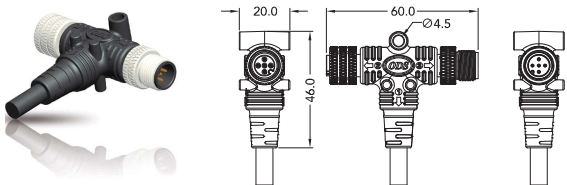
- Features and Benefits**
- Used with field-installable connectors
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non-Certified NMEA 2000

Part Number	Contact	Description
NRMBM05MCC-SRC7GXXX	5	Male Conn. MICRO-C, Overmoulded With Cable



NMEA 2000 Light Cable Assy (Metal Nut)

Tee-Cable, IPX7 (Mated)

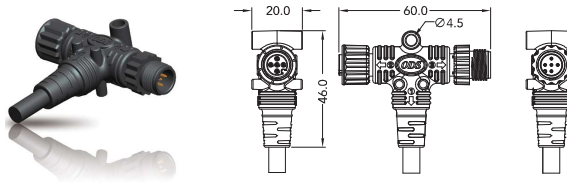


- Features and Benefits**
- Gives power to the NMEA 2000® network
 - Male and Female on each end
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NAP-MM1MF1000GXXX	5	Tee Conn, MICRO-C, Overmoulded With Cable

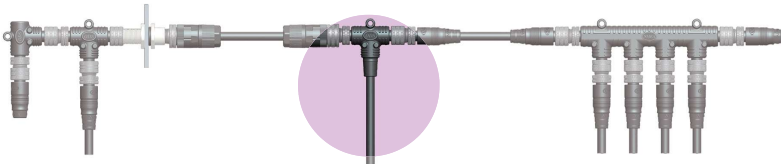
NMEA 2000 Light Cable Assy (Plastic Nut)

Tee-Cable, IPX7 (Mated)



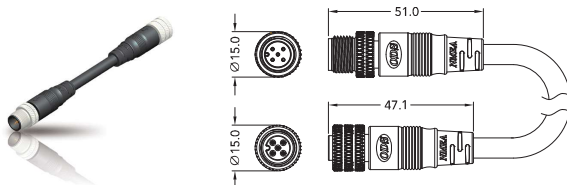
- Features and Benefits**
- Gives power to the NMEA 2000® network
 - Male and Female on each end
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NPP-MM1MF1000GXXX	5	Tee Conn, MICRO-C, Overmoulded With Cable



NMEA 2000 Light Cable Assy (Metal Nut)

Double-Ended Cordset, IPX7 (Mated)

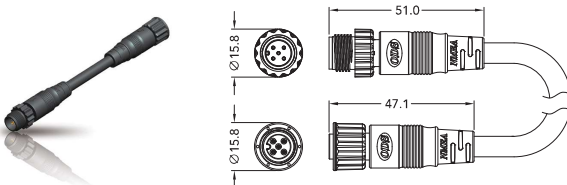


- Features and Benefits**
- Male and female cable ends for trunk or drop lines
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NAD-MM1MF1000GXXX	5	Double-Ended MICRO-C, Overmoulded With Cable

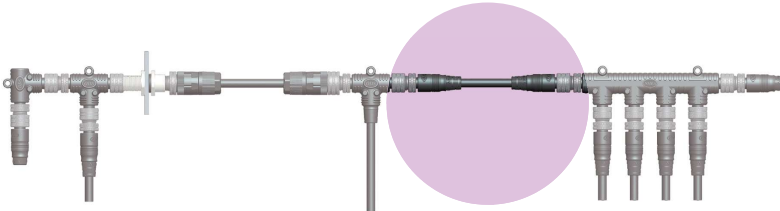
NMEA 2000 Light Cable Assy (Plastic Nut)

Double-Ended Cordset, IPX7 (Mated)



- Features and Benefits**
- Male and female cable ends for trunk or drop lines
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Certified NMEA 2000

Part Number	Contact	Description
NPD-MM1MF1000GXXX	5	Double-Ended MICRO-C, Overmoulded With Cable



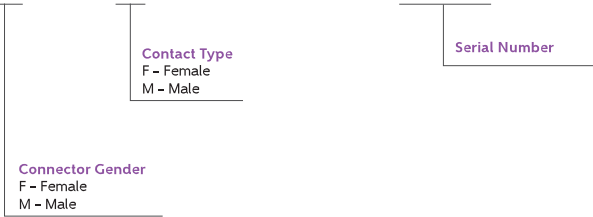
NMEA 2000 Field Installable Screw In

Product Specifications

Contact Number	5P	Insulation Resistance	≥100MΩ at DC 500V
Coding	MICRO-C	Withstanding Voltage	AC 1000V/1 minute
Contact Housing	Nylon + GF	Wire Gauge	24AWG ~ 18AWG
Screw Nut	Copper or Zinc Alloy, Nickel Plated	Cable OD	Seal 1: O.D.= Φ4~6mm Seal 2: O.D.= Φ6~8mm
Terminal	Copper Alloy, Gold Plated 30u"	Temperature Range	-25℃ ~ +85℃
Mating Style	Screw Thread	Salt Spray	48 hr.
Mode of Connection	Screw-In Terminals	Protection Class	IPX7 (mated)
Current Rating	5A	Durability	1000 times
Voltage Rating	125VDC	Standard	NMEA2000
Contact Resistance	≤5mΩ (Initial)		

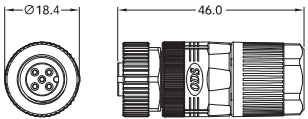
How to Order

NBMD X 05 X CC-SLW700X



NMEA 2000 Field Installable Screw In (Metal Nut)

Straight, IPX7 (Mated)

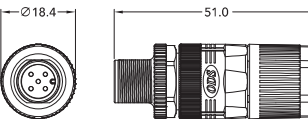


- Features and Benefits**
- Used with single-ended cordsets, available in Male and Female connector versions
 - Easily installed in the field thru screw-in termination
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBMDF05FCC-SLW700X	5	Female Conn. MICRO-C

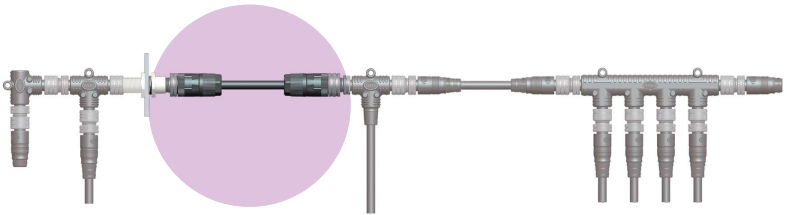
NMEA 2000 Field Installable Screw In (Metal Nut)

Straight, IPX7 (Mated)



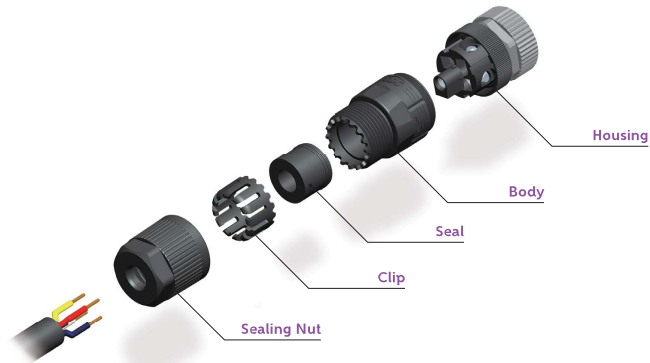
- Features and Benefits**
- Used with single-ended cordsets, available in Male and Female connector versions
 - Easily installed in the field thru screw-in termination
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBMDM05MCC-SLW700X	5	Male Conn. MICRO-C

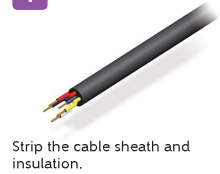


NMEA Female Field Installable (Screw-In)

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal and body.

3



Unscrew the screws.

4



Insert each wire to the respective hole and tighten each screw.

5



Connect and tighten the body.

6



Connect the seal and the clip respectively.

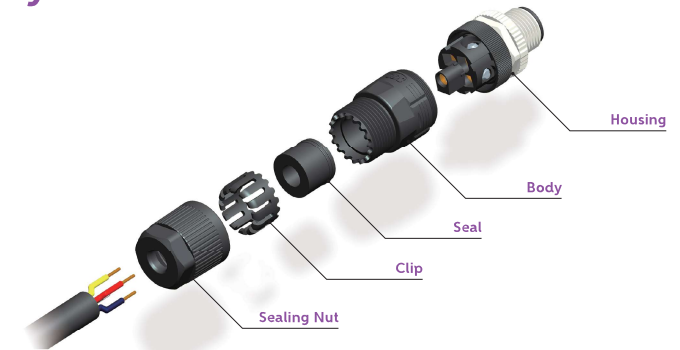
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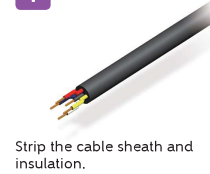
Connect the sealing nut and tighten using hand tool (optional) or your hand while holding assy.

NMEA Male Field Installable (Screw-In)

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal and body.

3



Unscrew the screws.

4



Insert each wire to the respective hole and tighten each screw.

5



Connect and tighten the body.

6



Connect the seal and the clip respectively.

7



Connect the sealing nut and tighten using hand tool (optional) or your hand while holding assy.

NMEA 2000 Adaptors & Terminators

Product Specifications

Contact Number	5P	Voltage Rating	125VDC
Coding	MICRO-C	Contact Resistance	≤1mΩ (Initial)
Contact Housing	Nylon + GF	Insulation Resistance	≥100MΩ at DC 500V
Screw Nut	Metal: Copper or Zinc Alloy, Nickel Plated	Withstanding Voltage	AC 1000V/1 minute
	Plastic: Nylon + GF	Temperature Range	-20°C ~ +80°C
Terminal	Copper Alloy, Gold Plated 30u"	Salt Spray	48 hr.
Mating Style	Screw Thread	Protection Class	IPX7 (mated)
Current Rating	5A	Durability	1000 times
		Standard	NMEA2000

How to Order

Direction 1	Direction 2	Direction 3
NX X	- MM1 MF1 MF X	001
Style W - More Way Adaptor E - Elbow Adaptor T - Tee Adaptor L - Inline Adaptor	Connector Set 1, 2, 4	Connector Gender F - Female
Series NA - Metal Nut (Certified) NB - Metal Nut (Non Certified) NP - Plastic Nut (Certified) NR - Plastic Nut (Non Certified)		

NXR - MX1000000001

Series NA - Metal Nut (Certified) NP - Plastic Nut (Certified)	Connector Gender F - Female M - Male
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NMEA 2000 Adaptor (Metal Nut)

IPX7 (Mated)



- Features and Benefits**
- 4-Way Adaptor Allow several drop cables to be consolidated and connected back to the trunk
 - Provides neat connections along the network
 - T-adaptor allows for a drop connection
 - Elbow adaptor easily connects to a tee or double-ended cordsets making 90 turns at the end or anywhere along the system
 - Waterproof rated to IPX7 for reliable connections
 - Certified NMEA 2000

Part Number	Contact	Description
NAW-MM1MF1MF4001	5	4 Way Adaptor MICRO-C
NAE-MM1MF1000001	5	Elbow Adaptor MICRO-C
NAT-MM1MF1MF1001	5	Tee Adaptor MICRO-C

NMEA 2000 Adaptor (Metal Nut)

IPX7 (Mated)



- Features and Benefits**
- 2-Way Adaptor Allow several drop cables to be consolidated and connected back to the trunk
 - Provides neat connections along the network
 - In-line adaptor easily swaps connector gender to get back to desired connector type
 - Waterproof rated to IPX7 for reliable connections
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBL-MM1MF1000001	5	Inline Adaptor MICRO-C
NBW-MM1MF1MF2001	5	2 Way Adaptor MICRO-C



NMEA 2000 Adaptor (Plastic Nut)

IPX7 (Mated)



- Features and Benefits**
- 2 and 4-Way Adaptor Allow several drop cables to be consolidated and connected back to the trunk
 - Provides neat connections along the network
 - T-adaptor allows for a drop connection
 - Elbow adaptor easily connects to a tee or double-ended cordsets making 90 turns at the end or anywhere along the system
 - Waterproof rated to IPX7 for reliable connections
 - Certified NMEA 2000

Part Number	Contact	Description
NPW-MM1MF1MF4001	5	4 Way Adaptor MICRO-C
NPW-MM1MF1MF2001	5	2 Way Adaptor MICRO-C
NPE-MM1MF1000001	5	Elbow Adaptor MICRO-C
NPT-MM1MF1MF1001	5	Tee Adaptor MICRO-C

NMEA 2000 Adaptor (Plastic Nut)

IPX7 (Mated)



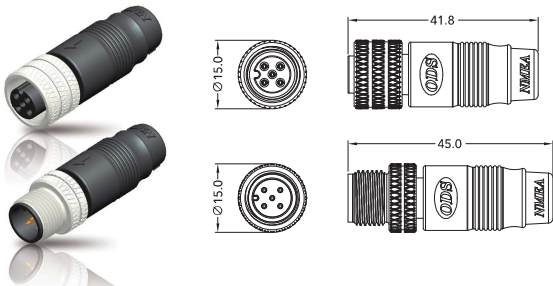
- Features and Benefits**
- In-line adaptor easily swaps connector gender to get back to desired connector type
 - Waterproof rated to IPX7 for reliable connections
 - Non Certified NMEA 2000

Part Number	Contact	Description
NRL-MM1MF1000001	5	Inline Adaptor MICRO-C



NMEA Termination Resistor (Metal Nut)

IPX7 (Mated)

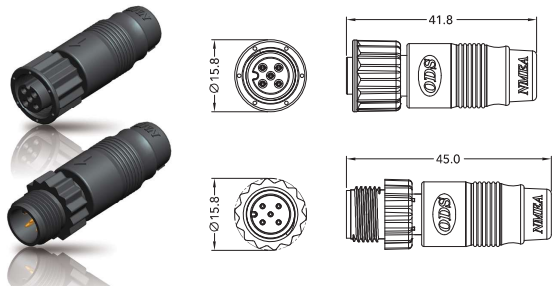


- Features and Benefits**
- Terminates both ends of a network
 - Available in Male and Female connector versions
 - Waterproof rated to IPX7 for reliable connections
 - Certified NMEA 2000

Part Number	Contact	Description
NAR-MF1000000001	5	Female Terminator MICRO-C
NAR-MM1000000001	5	Male Terminator MICRO-C

NMEA Termination Resistor (Plastic Nut)

IPX7 (Mated)



- Features and Benefits**
- Terminates both ends of a network
 - Available in Male and Female connector versions
 - Waterproof rated to IPX7 for reliable connections
 - Certified NMEA 2000

Part Number	Contact	Description
NPR-MF1000000001	5	Female Terminator MICRO-C
NPR-MM1000000001	5	Male Terminator MICRO-C



NMEA 2000 Mid Cable Assy

Product Specifications

Contact Number	5P	Contact Resistance	≤1mΩ (Initial)
Coding	MICRO-C	Withstanding Voltage	AC 1000V/1 minute
Contact Housing	Nylon + GF	Temperature Range	-20°C ~ +80°C
Screw Nut	Metal: Copper or Zinc Alloy, Nickel Plated	Salt Spray	48 hr.
	Plastic: Nylon + GF	Protection Class	IPX7 (mated)
Terminal	Copper Alloy, Gold Plated 30u"	Durability	1000 times
Mating Style	Screw Thread	Standard	NMEA2000
Current Rating	4A	Cable Style	(1P*18AWG+Al/Mylon)+
Voltage Rating	125VDC		(1P*20AWG+Al/Mylon)+B+D

How to Order

NXMBX05XCC – SLC7HXXX

Series NB – Metal Nut (Non Certified) NR – Plastic Nut (Non Certified)	Contact Type F – Female M – Male	Connector Gender F – Female M – Male	Cable Type / Length Meter: H01M~H20M Feet: H01F~H66F
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NX X – MM1MF100XHXXX

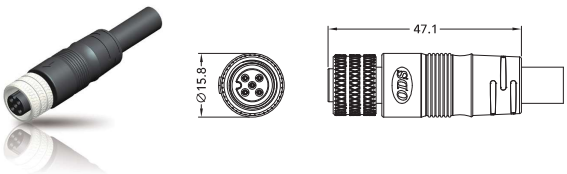
Style P – Tap-Cable D – Double End Cable	Cable Type / Length Meter: H01M~H20M Feet: H01F~H66F
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Series
NB – Metal Nut (Non Certified)
NR – Plastic Nut (Non Certified)

Serial Number

NMEA 2000 Mid Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)

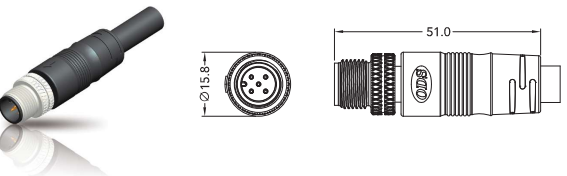


- Features and Benefits**
- Used with field-installable connectors
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBMBF05FCC-SLC7HXXX	5	Female Conn. MID, Overmoulded With Cable

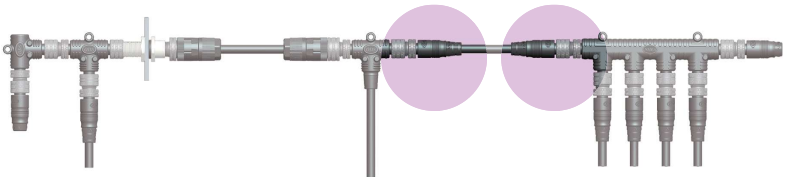
NMEA 2000 Mid Cable Assy (Metal Nut)

Single-Ended Cordset, IPX7 (Mated)



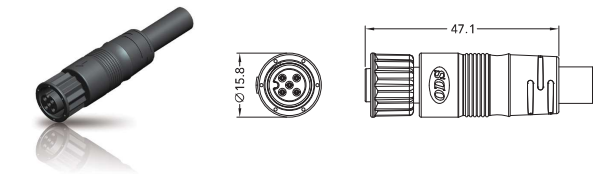
- Features and Benefits**
- Used with field-installable connectors
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBMBM05MCC-SLC7HXXX	5	Male Conn. MID, Overmoulded With Cable



NMEA 2000 Mid Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)

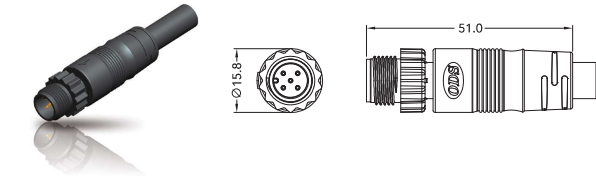


- Features and Benefits**
- Used with field-installable connectors
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NRMBF05FCC-SLC7HXXX	5	Female Conn, MID, Overmoulded With Cable

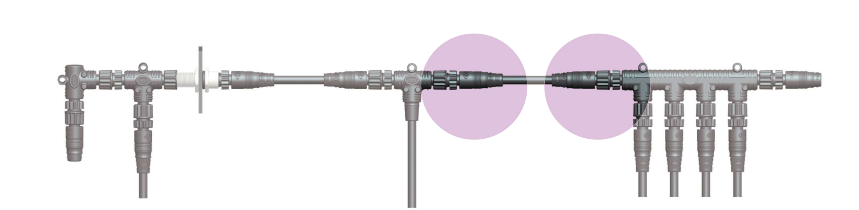
NMEA 2000 Mid Cable Assy (Plastic Nut)

Single-Ended Cordset, IPX7 (Mated)



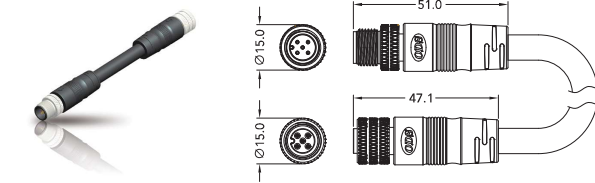
- Features and Benefits**
- Used with field-installable connectors
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NRMBM05MCC-SLC7HXXX	5	Male Conn, MID, Overmoulded With Cable



NMEA 2000 Mid Cable Assy (Metal Nut)

Double-Ended Cordset, IPX7 (Mated)

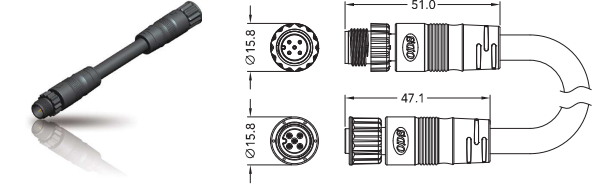


- Features and Benefits**
- Male and female cable ends for trunk or drop lines
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBD-MM1MF1000HXXX	5	Double-Ended MID, Overmoulded With Cable

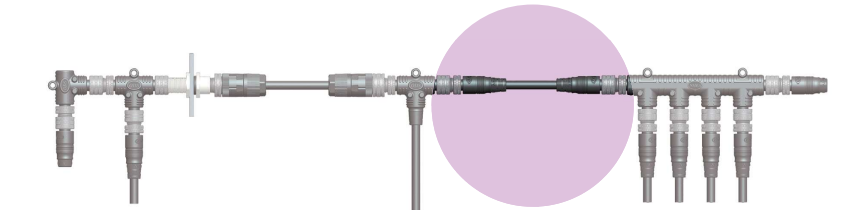
NMEA 2000 Mid Cable Assy (Plastic Nut)

Double-Ended Cordset, IPX7 (Mated)



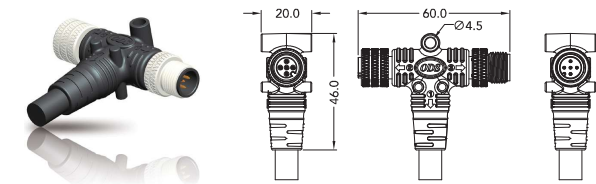
- Features and Benefits**
- Male and female cable ends for trunk or drop lines
 - Optimized for voltage drop sensitive networks (long runs) because power pair wires have half the resistance of Micro cable
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NRD-MM1MF1000HXXX	5	Double-Ended MID, Overmoulded With Cable



NMEA 2000 Mid Cable Assy (Metal Nut)

Tee-Cable, IPX7 (Mated)

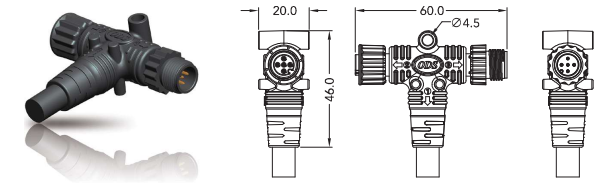


- Features and Benefits**
- Gives power to the NMEA 2000® network
 - Male and Female on each end
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NBP-MM1MF100XHXXX	5	Tee Conn. MID, Overmoulded With Cable

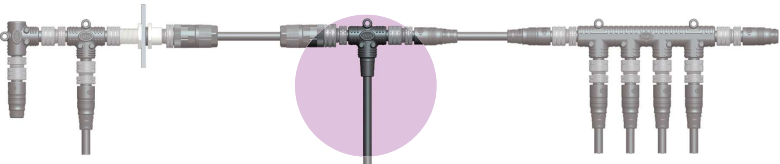
NMEA 2000 Mid Cable Assy (Plastic Nut)

Tee-Cable, IPX7 (Mated)



- Features and Benefits**
- Gives power to the NMEA 2000® network
 - Male and Female on each end
 - Available in various cable lengths to match installation requirements
 - Rugged, IPX7 rated connectors for continued connection integrity in marine environment
 - Non Certified NMEA 2000

Part Number	Contact	Description
NRP-MM1MF100XHXXX	5	Tee Conn. MID, Overmoulded With Cable



NMEA2000 Accessories Cap

IPX7 (Mated)

- Features and Benefits**
- One sealing surface means less likelihood of failure
 - Maintains IPX7 rating for functional integrity when connector is not mated
 - IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description	Part Number	Series	Description
CPMMPFCSM71	M12	Male Metal Cap, Metal Chain With Washer	CPMMPMCSN72	M12	Female Metal Cap, Without Chain



Part Number	Series	Description	Part Number	Series	Description
CPMMPMCSM71	M12	Female Metal Cap, Metal Chain With Washer	CPMMPFCSN71	M12	Male Plastic Cap, Without Chain



Part Number	Series	Description	Part Number	Series	Description
CPMMPFCSN72	M12	Male Metal Cap, Without Chain	CPMMPMCSN71	M12	Female Plastic Cap, Without Chain

