

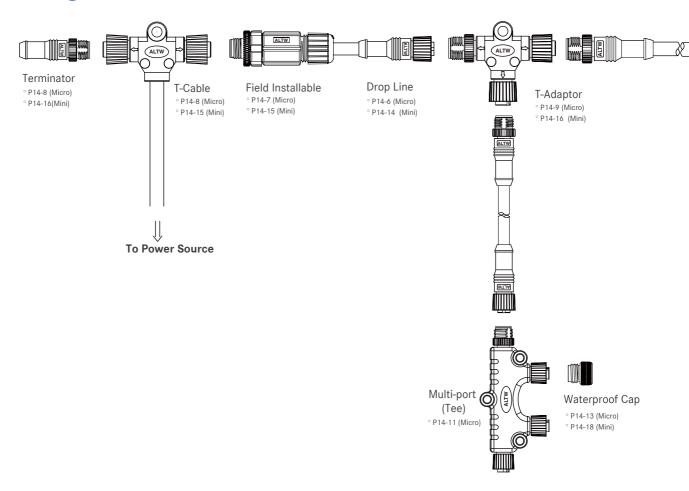
Amphenol LTW Innovation in Waterproof Solution



CATALOGUE

NMEA 2000 Connector

Range Overview



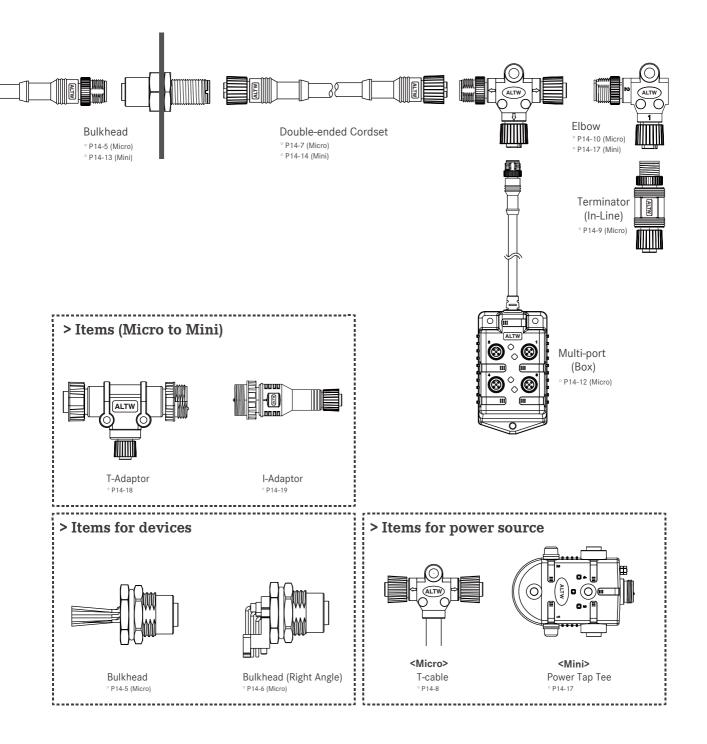
About NMEA 2000

Amphenol LTW Technology expands its coverage targeting the marine industry that features the NMEA 2000 standard.

The NMEA 2000 standard contains the requirements of a serial data communications network to inter-connect marine electronic equipment on

vessels. It is multi-master and self-configuring, and there is no central network controller. Equipment designed to this standard will have the ability to

share data, including commands and status with other compatible equipment over a status with other compatible equipment over a single channel.



^{*} Design and specification are subject to change without notice.

Specification

Identifications	Micro(AWG: 22 AWG, 24 AWG) Mini(AWG: 18 AWG, 15 AWG)
Description	Micro: Bulkhead (With Wire / Double-ended / Right Angle) Cable (Drop Line / Double-ended Cordset / Field Installable / T-Cable) Network Terminator (Single-ended / In-line) Adaptor (T-Adaptor / Elbow) Multi-port Waterproof Cap Mini: Bulkhead (Double-ended) Cable (Drop Line / Double-ended Cordset / Field Installable / T-Cable) Network Terminator (Single-ended) Adaptor (T-Adaptor / Elbow) Power Tap Tee Waterproof Cap Mini to Micro: Adaptor (T-Adaptor / I-Adaptor)
Current Rating / Data	4A, 8A
Material	Contacts: Copper Alloy, Gold Plated Contacts Holder: PA
Waterproof Rating	IP67~68
Temperature Range	Receptacle: -40°C~85°C Overmolded with Cable: -20°C~80°C Field Installable: Nylon+GF: -40°C~105°C PU: -20°C~85°C * Higer working temperature upon request.

Contact Configuration

	Micro-C	Mini-C
	4A	8A
	FF or MM	FF or MM
4Pin		
5Pin	$\begin{pmatrix} \Delta \Delta \\ \Delta \Delta \\ \Delta \Delta \end{pmatrix}$	000

△ 4A ○ 8A	
į	
Number of Contacts	s:
Ex.2 contacts (02)	
Connector (Housing) Gender:
Male(M) or Female(F)
Contact Gender:	
Male(M) or Female(F)

• Solder (S) - Solder Cup Screw In (B)

More to Choose:

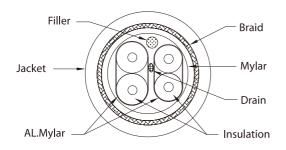
Cabling Information

∠ Micro

NMEA Approved

(A): (24#*1P+AL) + (22#*1P+AL) + Drain + Mylar + Braid

(A): (24#*1P+AL) + (22#*1P+AL) + Drain + AL + Braid (B): (22#*1P+AL) + (18#*1P+AL) + Drain + AL + Braid



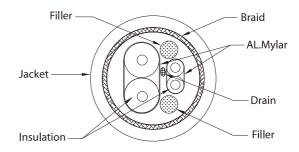
\triangle Mini

NMEA Approved

(C): (18#*1P+AL) + (15#*1P+AL) + Drain + Braid

Conforming

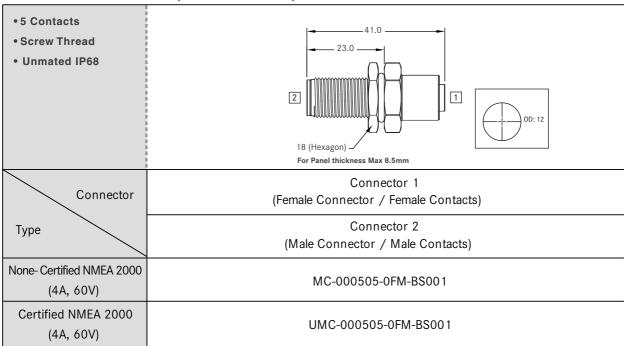
(C): (18#*1P+AL) + (16#*1P+AL) + Drain + AL+Braid

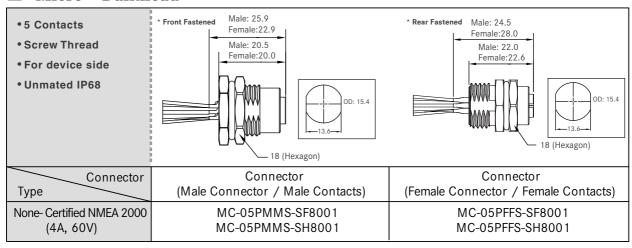


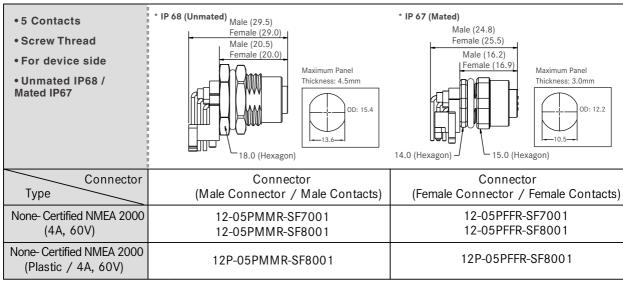
^{*} Design and specification are subject to change without notice.

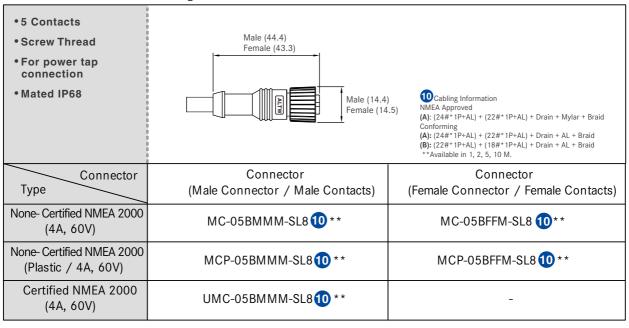
Bulkhead (Double-ended)

Find Our Standard Products



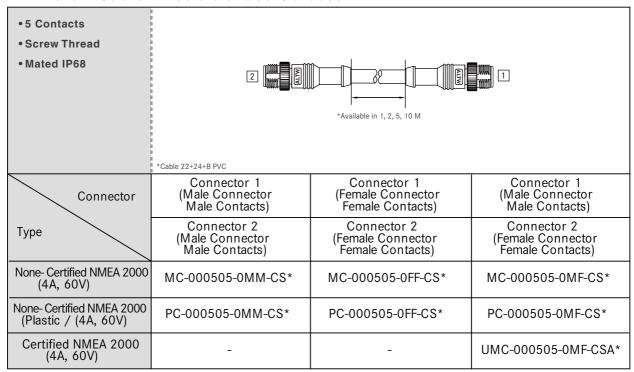


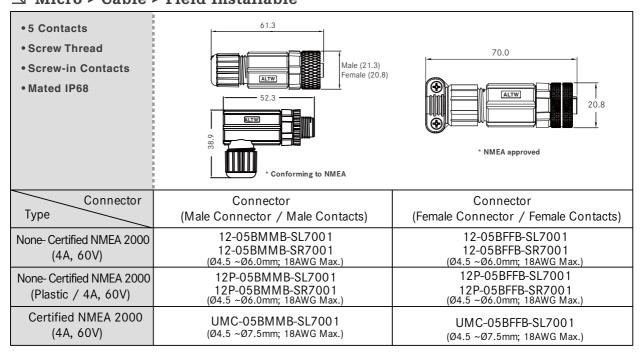




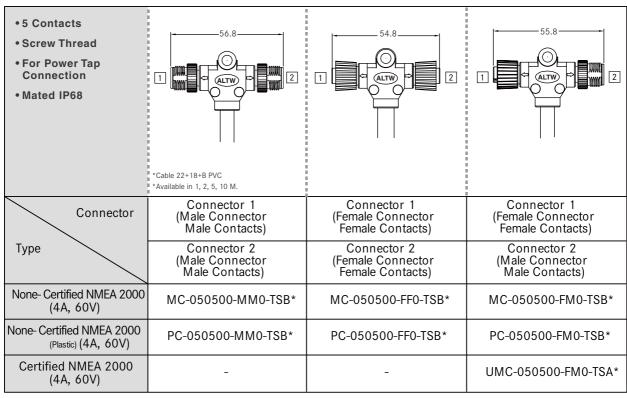
^{*} Design and specification are subject to change without notice.

Micro > Cable > Double-ended Cordset

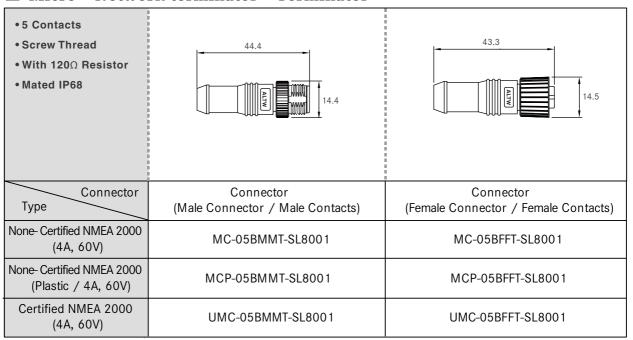




Micro > Cable > T-Cable

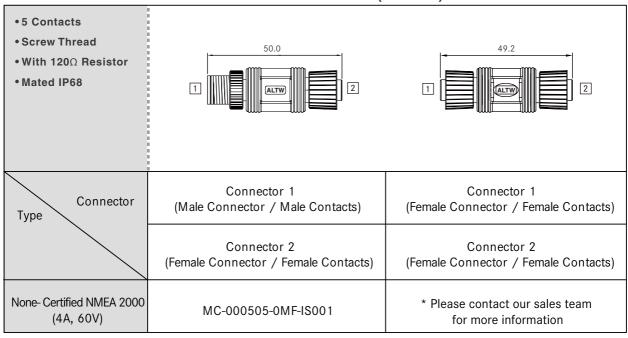


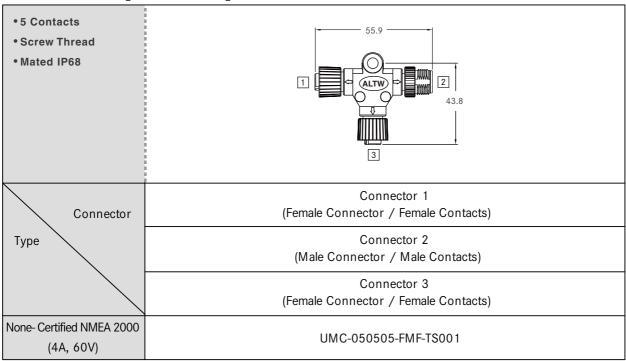
Micro > Network terminator > Terminator

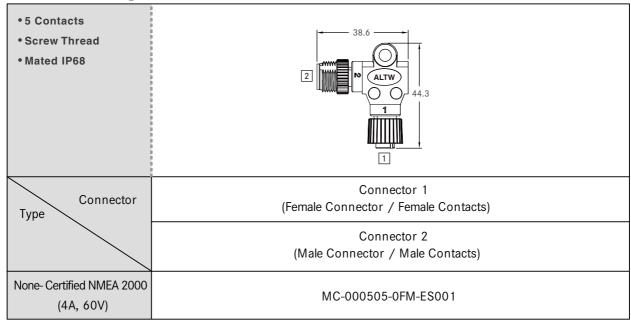


^{*} Design and specification are subject to change without notice.

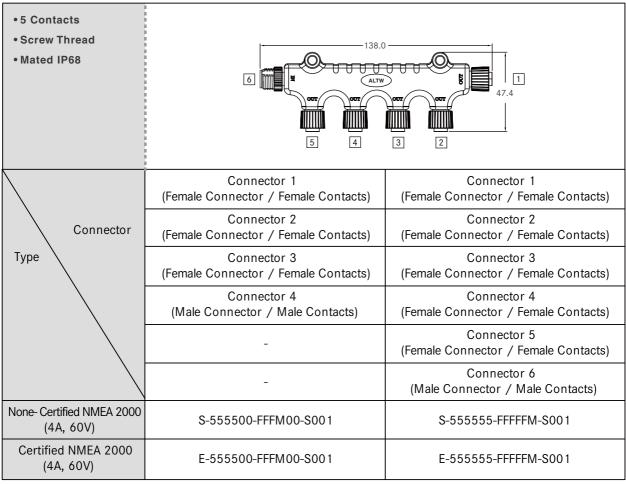
→ Micro > Network Terminator > Terminator (In-Line)

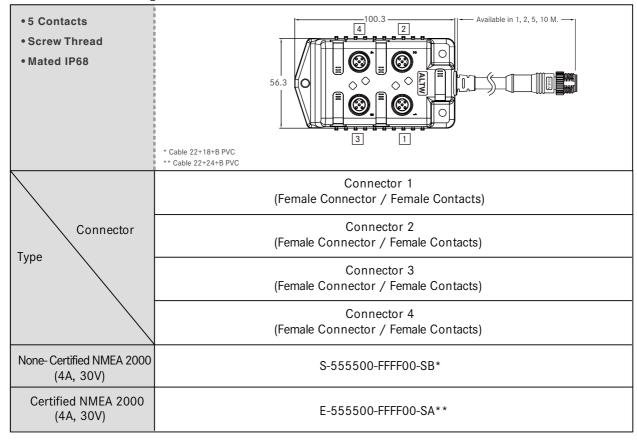






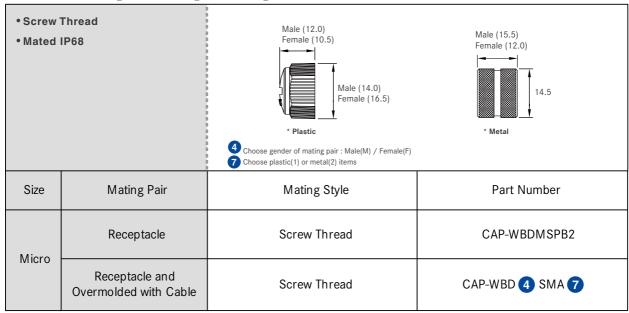
^{*} Design and specification are subject to change without notice.

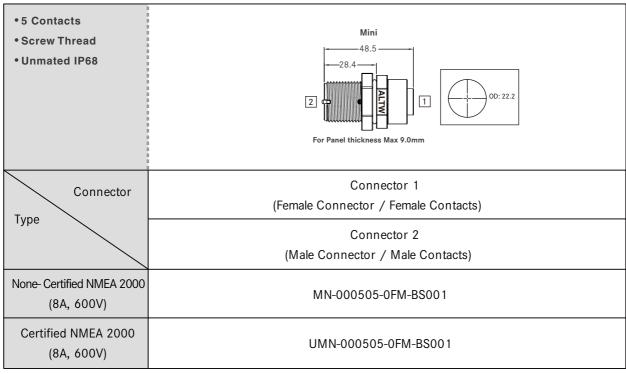




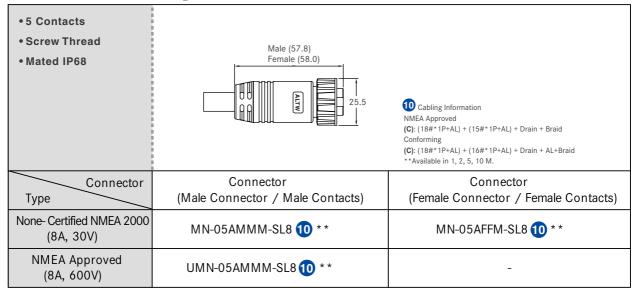
^{*} Design and specification are subject to change without notice.

Waterproof Cap I Bulkhead (Double-ended)

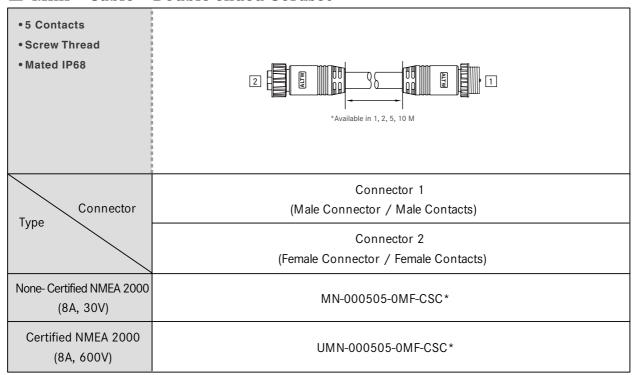




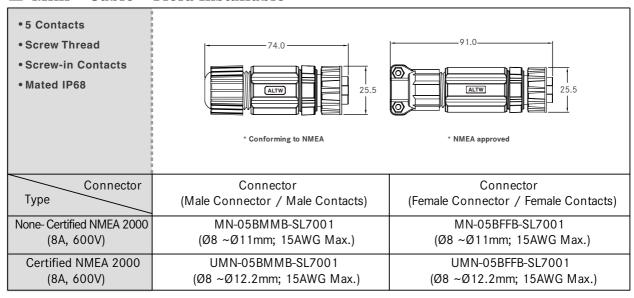
→ Mini > Cable > Drop Line



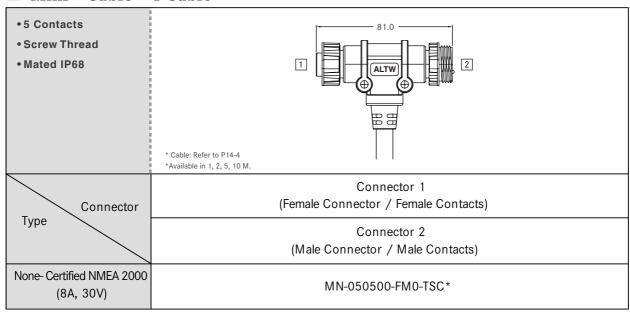
Mini > Cable > Double-ended Cordset

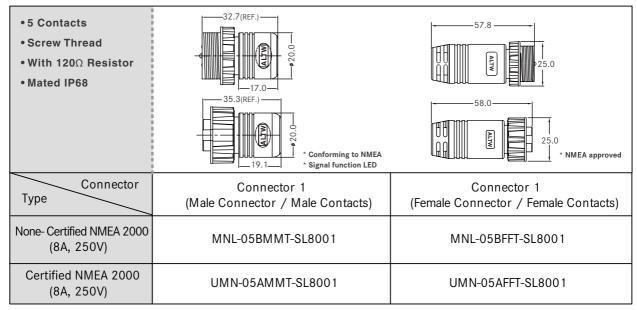


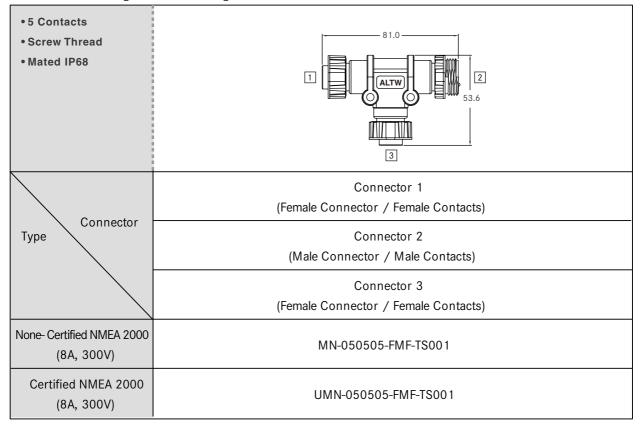
^{*} Design and specification are subject to change without notice.



Mini > Cable > T-Cable





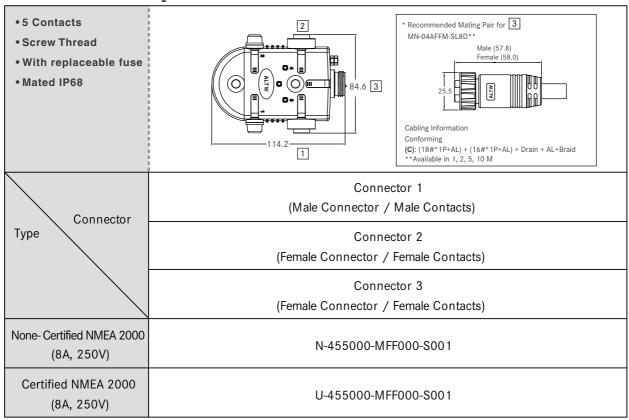


^{*} Design and specification are subject to change without notice.

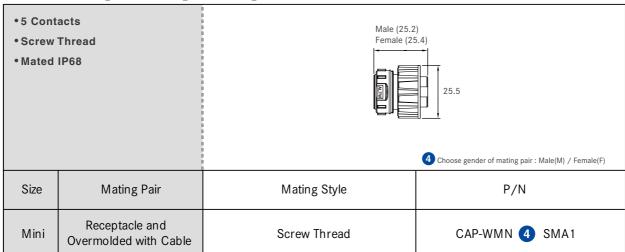
→ Mini > Adaptor > Elbow

• 5 Contacts • Screw Thread • Mated IP68	2 ALTW 55.0
Connector	Connector 1 (Female Connector / Female Contacts)
Туре	Connector 2 (Male Connector / Male Contacts)
None- Certified NMEA 2000 (8A, 300V)	MN-000505-0FM-ES001

→ Mini > Power Tap Tee



→ Mini > Cap > Waterproof Cap

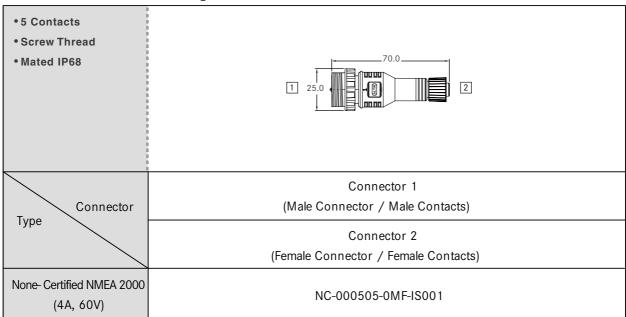


^{*} Design and specification are subject to change without notice.

T-Adaptor I I-Adaptor

	11211
• 5 Contacts • Screw Thread • Mated IP68	81.0 1 Salar Sal
	Connector 1 (Female Connector / Female Contacts)
Type	Connector 2 (Male Connector / Male Contacts)
	Connector 3 (Female Connector / Female Contacts)
None- Certified NMEA 2000 (4A, 60V)	NC-050505-FMF-TS001
Certified NMEA 2000 (4A, 60V)	UNC-050505-FMF-TS001

\triangle Mini to Micro > I-Adaptor



Memo	

Amphenol LTW Technology Co., Ltd.

5F-3, No.51, Sec.4, Zhongyang Rd., Tucheng Dist., New Taipei City 236, Taiwan $\,$

Telephone: +886-2-77416888 Fax: +886-2-77416999

www.amphenolltw.com

Kunshan Factory

No. 62, DaTong Road, Development Zone, Kunshan City,

JiangSu Province, 215333 China Telephone: +86-512-5761-0501 Fax: : +86-512-5761-0515

For further information, please contact:

Sales & Marketing Department | Email : sales@ltw-tech.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Standard Circular Connector category:

Click to view products by Amphenol manufacturer:

Other Similar products are found below:

5M2530B10P 600259N006 600273N007 6134-336-13149 6134-337-11149 6134-337-2390 6134-341-17149 6280-4SG-516 6280-7SG-3DC 6290 6291A 66200A-10 680-SMG 681-PMG CXS3102A14S2P CXS3102A181S 7251-6SG-300 7271-6SG-300 7282-3PG-300-CH3 75-474014-05S 75-474618-01S 75-474618-04P 75-474618-04S 799539-000 MI8-SE 805-005-07NF11-19PC 805-005-07NF15-7PA 8280-4PG-516 8280-7PG-519 8282-5PG-519 836783-1 MP-4102-25P-C 862256-1 864019-2 866857-1 867865-1 PT01SP-14-18P PT08P-14-5S PTSF06SE-14-12S 120-1833-000 QCM019PC2DC012B 1-2069279-1 121583-0217 121667-0020 129591AU 1000B BULK RD10A16-19-P6CS051/1 RD10A20-31-P8CS051/1 RD16A14-12-S6CS051/2 1301240290 1301240347