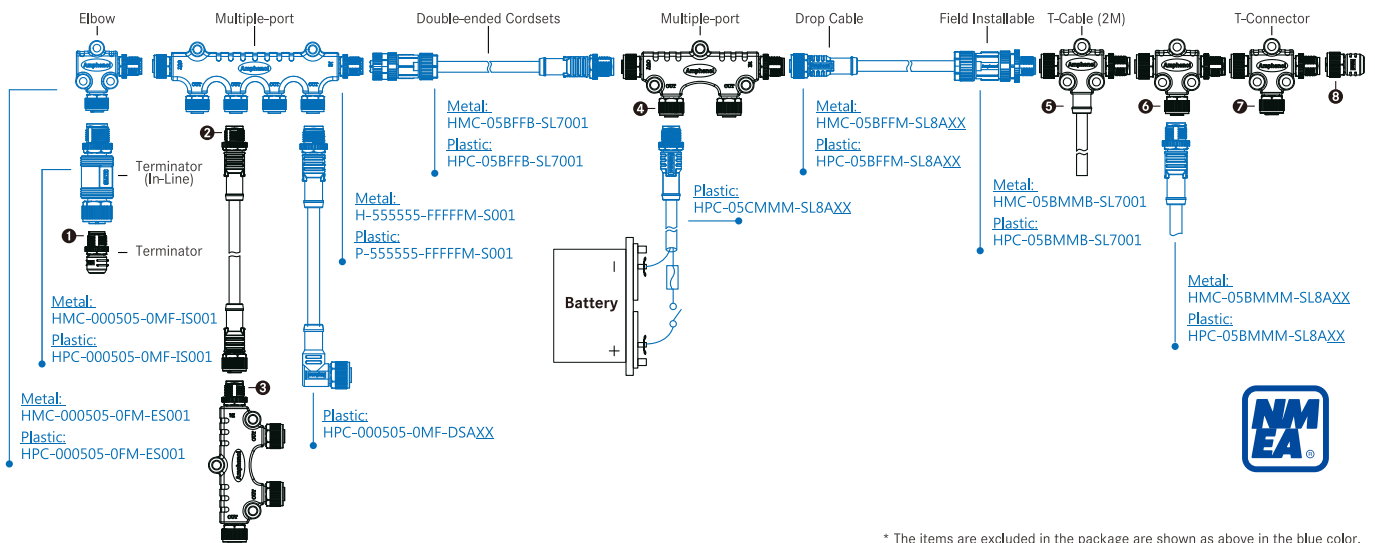


# Amphenol LTW NMEA 2000 System

Amphenol LTW (ALTW) provides a variety of high reliability selection of connectors, cable assemblies and accessories which are specifically designed to meet the NMEA 2000 protocols standard. Hence, our NMEA 2000 network system is not only used for connecting marine electronic equipment and display units within ships and boats, but also helps to build a connection among the multiple electronic devices to share data over one common channel.

## ALTW's NMEA 2000 Network System



\* The items are excluded in the package are shown as above in the blue color.

**> Items for devices**

**Bulkhead-PCB Type**

Metal: HMC-05PFFP-SF8001  
Plastic: HPC-05PFFP-SF8001

Metal: HMC-05PMMP-SF8001  
Plastic: HPC-05PMMP-SF8001

**Bulkhead-Solder Type**

Metal: HMC-05PFFS-SF8001  
Plastic: HPC-05PFFS-SF8001

Metal: HMC-05PMMS-SF8001  
Plastic: HPC-05PMMS-SF8001

**> More Selection**

**Field Installable**

Metal: HMC-05BMMB-SR7001  
Plastic: HPC-05BMMB-SR7001

Metal: HMC-05BFFB-SR7001  
Plastic: HPC-05BFFB-SR7001

Package items can also be purchased separately.

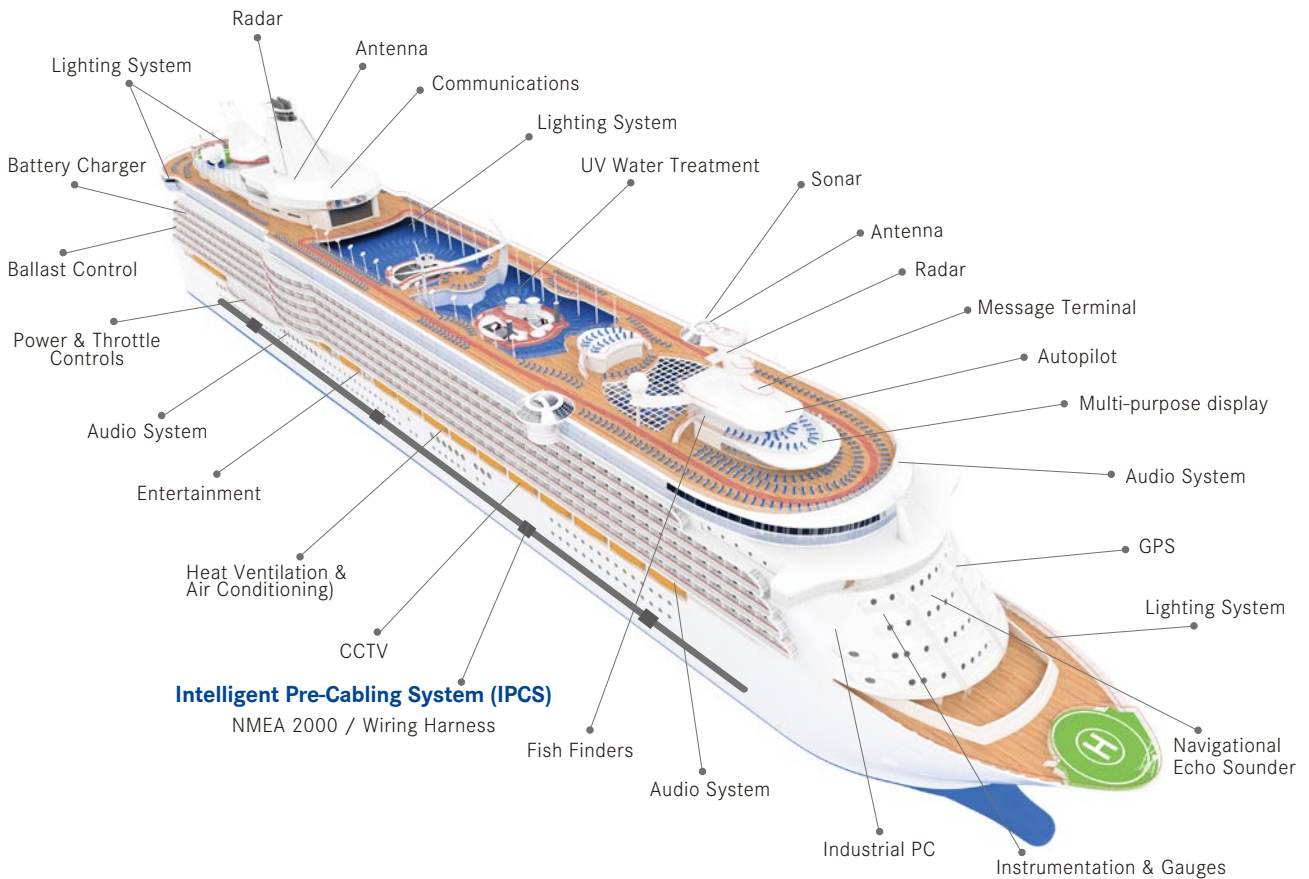
- 1** Metal: HMC-05BMMT-SL8001  
Plastic: HPC-05BMMT-SL8001
- 2** Metal: HMC-000505-0MF-CSAXX  
Plastic: HPC-000505-0MF-CSAXX
- 3** Metal: H-555500-FFM00-S001  
Plastic: P-555500-FFM00-S001
- 4** Metal: H-555500-FFM00-S001  
Plastic: P-555500-FFM00-S001
- 5** Metal: HMC-05BMMM-SL8AXX  
Plastic: HPC-05BMMM-SL8AXX
- 6** Metal: HMC-050505-FMF-TS001  
Plastic: HPC-050505-FMF-TS001
- 7** Metal: HMC-050505-FMF-TS001  
Plastic: HPC-050505-FMF-TS001
- 8** Metal: HMC-05BFFT-SL8001  
Plastic: HPC-05BFFT-SL8001

## Specifications :

General Specification		Material Specification	
Number of Contacts	5Pin	Housing	Thermoplastic, Black
Temperature Range	Receptacle: -40 ~ 85°C Overmold with Cable: -20 ~ 80°C Field Installable: -40 ~ 105°C	Contact	Copper Alloy, Gold Plated
Current Rating	4A	Metal Nut	Zinc Alloy, Nickel Plated
Voltage Rating	250 VAC/VDC	Plastic Nut	Thermoplastic, Black
Flammability	UL94V-0	Rubber	Silicone
Waterproof Rating	IP68 (1m/24 hours)	Cable	NMEA2000 approved, CL2



**Applications :**



**NMEA 2000 Starter Kit**

Now, it also can be purchased in two kinds of package. The basic package, which can help you to build a fundamental network of NMEA 2000 on your boat; the professional package provides the high-performance on the integrated circuit and branches off the comprehensive devices.



**HPC-B-001 (Plastic)**



**HMC-B-001 (Metal)**



**HPC-P-001 (Plastic)**



**HMC-P-001 (Metal)**

**Basic Package**

- T-Connector x 2
- Drop Cable (2M) x 1
- T-Cable (2M) x 1
- Terminator Male x 1
- Terminator Female x 1

**Pro Package**

- T-Connector x 2
- Multiple Tee Connector x 2
- Drop Cable (2M) x 1
- Drop Cable (5M) x 1
- Drop Cable (10M) x 1
- Terminator Male x 1
- Terminator Female x 1

For more information, please contact:  
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\* Design and specifications are subject to change without notice.