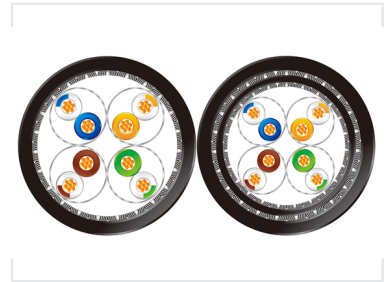


Marine-Grade CAT7 Ethernet Cable

This marine-grade CAT7 Ethernet cable is designed for use on ships, oil platforms, and other offshore buildings. The armored cable is suitable for direct burial and outdoor installation in data centers and SANS.



Overview

High-Performance Marine Connectivity

This Marine-Grade CAT7 Ethernet cable is engineered for reliable data transmission in the most demanding maritime environments. Featuring individually shielded twisted pairs and a robust SHF2 jacket, it offers superior resistance to oil, mud, and electromagnetic interference. Designed to support signal transmission up to 600 MHz, it is the ideal solution for networking and control systems on ships and offshore platforms.

Technical Specifications

Temperature Range

-40 °C Min Temperature	80 °C Max Temperature
----------------------------------	---------------------------------

Minimum Bending Radius

Application Type	Radius
Fixed Application (Non-armored)	8D
Fixed Application (Armored)	12D

Test Voltage	1000 V
Characteristic Impedance	100±15Ω @ 100MHz
Insulation Resistance	e60m

Construction

Cable Construction

- Conductor: Stranded bare copper
- Insulation: Foamed PE
- Shield: AL/Mylar individual screen and tinned copper wire overall braid
- Inner jacket: SHF1
- Armored: SWB (Galvanized steel wire braid)
- Jacket: SHF1 / SHF2

Compliance & Features

Key Features

EMI Resistant • Oil Resistant • Mud Resistant • Marine Grade

Reference Standards

IEC61156-5, EN50173, ISO/IEC11801

Flame Resistance Standards

IEC60332-1, IEC60332-3