



MOG Cat.5e LAN cable F/FTP 4 pairs SHF1



Standards of reference and applications

IEC 60092-370	Electrical installations in ships: Guidance on cables for telecommunication and data.
IEC 60092-360	Electrical installations in ships: Insulating and sheathing materials.
DNV TAP 827.50/2	Type Approval Program
ABS SVR	Rules for building and classing. Steel Vessels.
ABS SMR	Rules for building and classing. Steel vessels under 90 meters.
CEI EN 50288-1	Multi-element metallic used in analogue and digital communication and control.
CEI EN 50288-2-1	Setional specification for screened cables characterised up to 100MHz

CEI EN 50289	Communication cables - Specifications for test methods
IEC 60811	Insulating and sheathing materials of electric cables - Test method
Standards	EIA/TIA 568-C.2, ISO/IEC 11801, UL444, UL1581, UL1666
Applications	100Base-TX, 100Base-T, 100VG-AnyLAN, 1000Base-TX, ATM

Type Approval

Pending

Installation Features

Store at -40 to +70 °C

Install at -40 to +60 °C

Operate at : -40 to +80 °C

Bend minimum : 10 times O.D.

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Pull maximum : 40N

Design

Conductor : solid annealed copper AWG24

Insulation : polyethylene foam/skin, nominal diameter 1.20mm

Pair : 2 insulated conductors stranded together

Colour code : 1.White/blue 2.White/orange 3. White/green 4.White/brown

Screen 1 : aluminium/polyester or aluminium/polyester/aluminium tape over each single pair

Screen 2 : overall aluminium/polyester or aluminium/polyester/aluminium tape with overlap and drain wire

Outer jacket : grey Fire Retardant and UV Resistant SHF1 material, LSZH (nominal

thickness 0.9mm)

Marking : APS Finland - ww/yy - F/FTP 4x2xAWG24 Category 5e - 1000hm - LSZH
SHF1 IEC60332-3-24 Cat.C - lot + m

Environmental properties and Fire Performances