

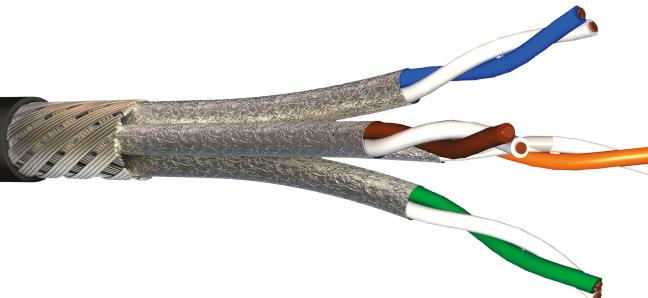
SF5004SHWDB25

**CAT6A S/FTP 1x4p cable LSZH SHF1**  
Marine - DNV Certified



## DESCRIPTION

This cable offers excellent transmission performance with a low error rate up to high frequencies - 500 MHz - thanks to S/FTP double shielding.



## ADVANTAGES

- DNV Certified
- Available in high CPR level : B2ca s1a, d1, a1



## CONSTRUCTION & TECHNICAL PERFORMANCE

Core gauge	AWG23
Assembly type	Pairs
Shielding description	Tinned copper braid
Outer Sheath Material	LSZH
Color	Purple RAL 4001
Minimum diameter of the outer sheath (mm)	6.8
Ø SHEATH NOM (mm)	7.3
Ground drain presence	No
Shielding type	S/FTP
Insulation Color Code	Blue and White blue or White – Orange and White orange or White – Green and White green or White – Brown and White brown or White
Minimum Insulation Diameter (mm)	1,20
Maximum Insulation Diameter (mm)	1,30
Diameter over Insulation	1,25

## ELECTRICAL CHARACTERISTICS

Loop resistance	137
Minimum insulation resistance	> 5000 MΩ x km
Linear electrical resistance (Ω/Km)	69
Service Voltage (V)	250
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

## TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	80
Delay skew	< 30
Unbalance resistance	< 2
Propagation speed (%)	78
Segregation Class	D
Performance Category	Category 6A
Data Transmission Standard	EIA/TIA 568-C.2 Cat6A, ISO / IEC 11801 Ed3 Class Ea
Characteristic Impedance (Ohms)	100

**ENVIRONMENTAL CHARACTERISTIC**

Independent lab certification	Yes
CPR classification	B2ca s1a, d1, a1
Fire Standard	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Conforme à la directive RoHS
Component Standard	IEC 61156-5 Cat6A

**ADDITIONAL INFORMATION**

Minimum Cut	0.0000
REF	SF5004SHWDB25
Maximum E-commerce Drop	0.0000
SKU Collection Photo	photo_collection_model
Cross-section Diagram Photo	schema_coupe_model_sf500xsha26ioyy yy_sf5004sha26io10_fr_fr
Model Cross-section Diagram Photo	SF5004SHWDB2x_COUPE_EN_HD
Pictogram	4p_poe
Model Collection Photo	SF5004SHWDB2
Product Range	Multimedia Connecct
Product Packaging	Drum of 500m