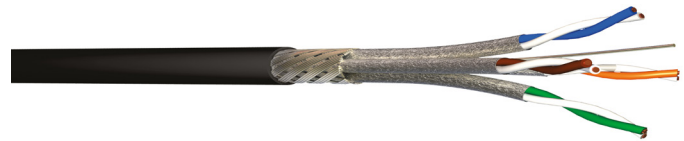
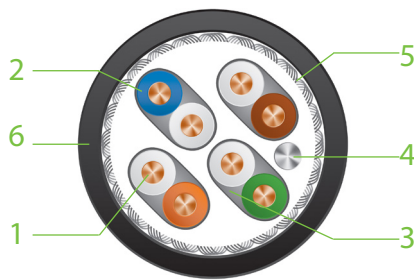




SF5004SHWDB2x

CAT6A S/FTP cable 4 paires LSZH SHF1 - DNV Certified



- 1. **Conductor** : solid bare copper AWG23
- 2. **Insulation** : PE Skin Foam Skin
- 3. **Individual shield** : Aluminium/Polyester foil - coverage 110%
- 4. **Drain wire** : Solid tinned copper
- 5. **General shield** : Tined copper braid
- 6. **Outer sheath** : LSZH - SHF1 Black

DESCRIPTIONS

The SF5004SHWDB2 cable is used for marine infrastructure (cruise ships, boats, ...) thanks to its DNV-GL certification. This cable offers an excellent transmission rate with a low error rate up to high frequencies, up to 500MHz, thanks to a double shielding S/FTP.

APPLICATIONS

ISDN RNIS	TOKEN RING 4/16 MBITS
Ethernet Base T up to 10Gbits/s	ATM 155, 622Mbits/s & 1.2Gbits
IEEE 802.3 : up to 4P PoE+	

STANDARDS

CABLE	IEC 61156-5 CAT6A
SYSTEM	ISO / IEC 11801 Class Ea
	TIA 568.2-D CAT6A



SF5004SHWDB2x

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ELECTRICAL PROPERTIES

Max linear electrical resistance	95 Ω/Km
Mutual capacity (nom)	45 pF/m
Characteristic impedance	100 +/- 15Ω
Nominal velocity of propagation	78%

ENVIRONMENTAL PROPERTIES

Fire behaviour	IEC 60332-3
Operating temperature	-20°C / +70°C
Minimum bending radius	8 x cable diameter
RoHS compliant	

SHF1 CHARACTERISTICS

Raw material type	Halogen-free thermoplastics
High temperature pressure test (IEC 60811-508)	80 °C, 4 to 6 hours under load, depending on the rope diameter: 50% maximum allowable deformation
Heat peak test (IEC 60811-509)	150 °C
Test of gases emitted during combustion (IEC 60754-2)	Mesurement by pH
Density of the smoke released test, during combustion (IEC 61034)	Transmittance of light

ORDERING INFORMATION

PART NUMBER	DESIGNATION	OD	PACKING
SF5004SHWDB25	Cat.6A S/FTP cable 4 paires LSZH - DNV certified	7.1 mm +/- 0.3mm	DRUM 500M
SF5004SHWDB210	Cat.6A S/FTP cable 4 paires LSZH - DNV certified	7.1 mm +/- 0.3mm	DRUM 1000M