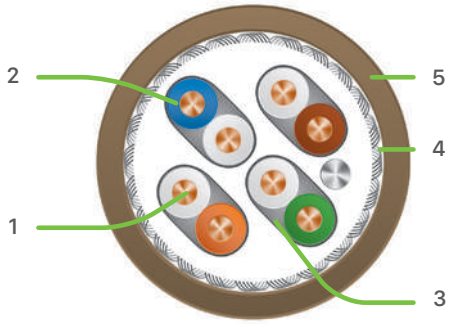
SF1000xSHMCy

CAT6A S/FTP 1x4 pairs cables - Brown LSZH - Cca

BENEFITS

- Excellent transmission performance: high EMC level
- Good fire behavior: Brown LSZH Cca s1, d1, a1





1. Conductor : Solid bare copper AWG23
2. Insulation : PE Skin-Foam-Skin
3. Drain wire : Aluminium/Polyester foil ; Coverage ≥ 100%
4. General Shield: Tinned copper braid
5. Outer Jacket : LSZH Cca brown RAL 8003

DESCRIPTION / APPLICATIONS

This S/FTP pair-to-pair screened cable has been designed for horizontal or vertical installations. It forms the basis of a very high speed V.D.I network. The double shielding of the SF1000xSHMCy provides a high electromagnetic immunity with a recovery rate greater than 100%.

- Ethernet T base up to 10Gbits/s
- PoE : IEEE 802.3 af / at / bt

STANDARDS

CABLES : IEC 61156-5 CAT7A

SYSTEM : ISO/IEC 11801 Ed3 Class Fa
TIA 568.2-D CAT7A

FIRE BEHAVIOR : IEC 60332-1

CPR LEVEL : Cca s1, d1, a1

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DATA SHEET

Ed 1 0321 AD

ELECTRICAL PROPERTIES

MAX LINEAR ELECTRICAL RESISTANCE: 95 Ω/Km

MUTUAL CAPACITY : 45 pF/Km

CHARACTERISTIC IMPEDANCE : 100+/- 15 Ω/Km

PROPAGATION VELOCITY : 79%

ADMISSIBLE POWER: 90W

MECHANICANICAL PROPERTIES

OPERATING TEMPERATURE : -20°C / +70°C

MINIMUM BENDING RADIUS : 8 x cable diameter

CABLE SECTION : AWG23

COMPLIANCE : RoHS

ORDERING INFORMATION

P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKING
SF10004SHMC5	CAT6A S/FTP 4 PAIRS AWG23 - Brown LSZH - Cca	7.5 +/- 0.3mm	Drum 500m

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