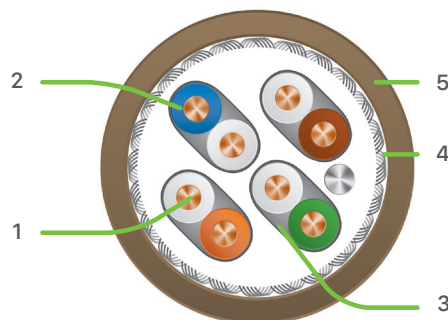
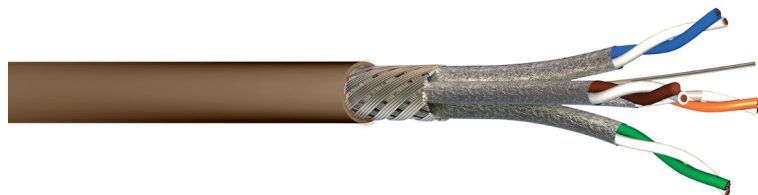


## SF1000xSHMCy

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  $\geq$  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

## ELECTRICAL PROPERTIES

**MAX LINEAR ELECTRICAL RESISTANCE:** 95  $\Omega$ /Km

**MUTUAL CAPACITY :** 45 pF/Km

**CHARACTERISTIC IMPEDANCE :** 100+/- 15  $\Omega$ /Km

**PROPAGATION VELOCITY :** 79%

**ADMISSIBLE POWER:** 90W

## MECHANICAL 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