

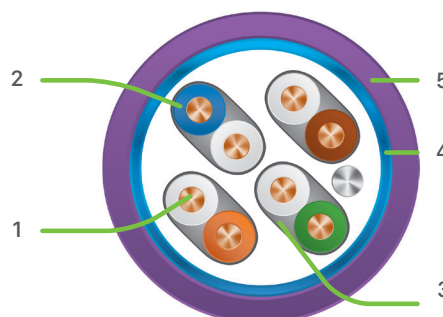
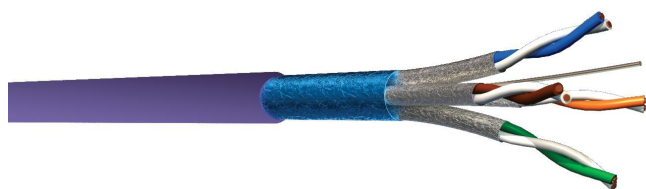
## F6004SHCx

90W CAT6A F/FTP Cable 4 pairs LSZH Cca sheath

### + BENEFITS

- Power 90W cable thanks to AWG22
- Low oxygen concentration of the Skin foam Skin insulation
- Exceeds CAT6A tested at 600MHz requirements
- Segregation Class D
- LSZH sheath Cca s1, d1, a1

90 W



1. Conductor : Solid copper AWG22

2. Insulation: PE Skin Foam Skin

3. individual shielding : ALuminium tape/polyester coverage >100%

4. General shielding : ALuminium tape /polyester coverage >100%

5. External sheath : LSZH Cca - RAL 4001

## DESCRIPTION / APPLICATIONS

The F6004SHC cable has been configured for applications using 4pPoE and powers of 90W.

Thanks to its AWG22 section which minimizes Joule effects losses, the F6004SHC cable will provide the power necessary for IP equipment.

Its low oxygen concentration on Skin Foam Skin insulation promotes heat dissipation.

The F6004SHC type F / FTP construction has an overlap greater than 100%, offers excellent EMC and provides a segregation class D

- Ethernet base T jusqu'à 10Gbits/s
- ISDN RNIS
- PoE : IEEE 802.3 af / at / bt

- Token Ring 4/16 MBITS
- ATM 155 622Mbits/s et 1.2Gbits

## STANDARD

**CABLE :** IEC 61156-5 CAT6A

**SYSTEM :** ISO/IEC 11801 Ed3 Class Ea

TIA 568-C.2 CAT6A

**FIRE RESISTANCE :** IEC 60332-1

**CPR LEVEL :** Cca s1, d1, a1

## ELECTRICAL PROPERTY

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

**MUTUAL CAPACITANCE :** 45 pF/Km

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

**VELOCITY OF PROPAGATION :** 79%

**ADMISSIBLE POWER :** 4pPoE - 90W

**SEGREGATION CLASS :** D class

## MECHANICAL PROPERTY

**OPERATING TEMPERATURE :** -20°C / +70°C

**MINIMUM BENDIN RADIUS:** 8 x diamètre câble

**CABLE SECTION :** AWG22

**COMPLIANCE :** RoHS

## ORDERING INFORMATION

P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKING
F6004SHC5	90W CAT6A F/FTP cable AWG22 LSZH Cca	7.5 +/- 0.5mm	Drum 500m