

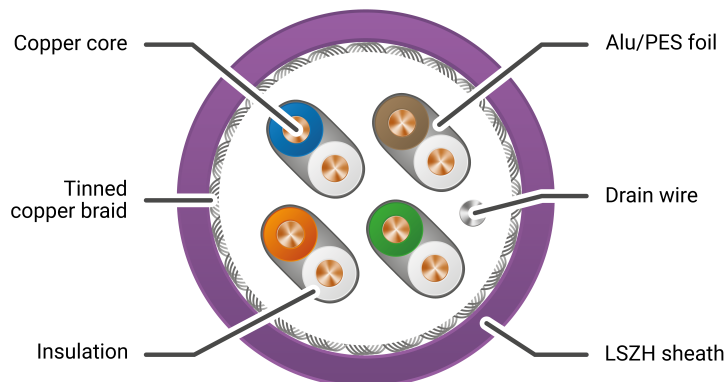
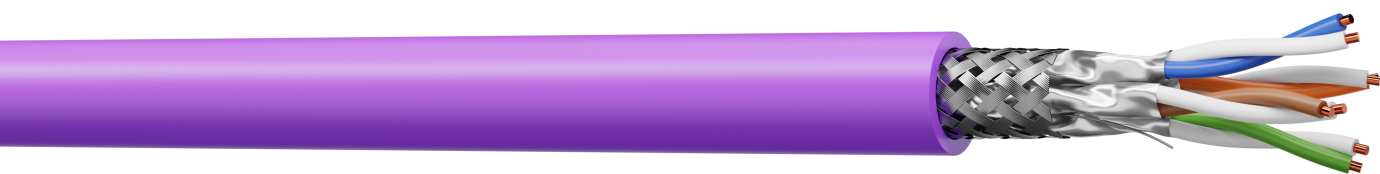
6004SHC5

CAT7 S/FTP 1x4P - 600 MHz LSZH Cca
Cable – Drum of 500m



DESCRIPTION

The 600xSHC cable is a Category 7 cable compliant with the ISO/IEC 11801 standard. Its S/FTP shielding provides a high level of protection against high- and low-frequency interference (coupling attenuation >80 dB). It is available in 4-pair and 2 x 4-pair configurations.



ADVANTAGES

- Exceeds standard specifications
- Very high electromagnetic immunity
- Available in high CPR level : up to B2ca
- Electrical supply of equipments (camera, hotspot wifi, IP phone ...)



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	600xSHCyyyyz
Core gauge	AWG23
Core Composition	AWG23
Assembly type	Pairs
Shielding description	Tinned copper braid
Outer Sheath Material	LSZH
Color	Purple RAL 4001
Minimum diameter of the outer sheath (mm)	6,6
Ø SHEATH NOM (mm)	7
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)	1,22
Maximum Insulation Diameter (mm)	1,32
Diameter over Insulation	1,27

ELECTRICAL CHARACTERISTICS

Loop resistance	148
Minimum insulation resistance	> 5000 MΩ x km
Linear electrical resistance (Ω/Km)	74
Service Voltage (V)	<250Vdc
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	80
Delay skew	< 25
Unbalance resistance	< 2
Propagation speed (%)	78
Segregation Class	D
Performance Category	Category 7
Data Transmission Standard	EN 50173-1: 2011 Classe F, ISO / IEC 11801 Ed3 Class F
Characteristic Impedance (Ohms)	100

Updated: 18/12/2025

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TRANSMISSION CHARACTERISTICS

Conductor/Shield Capacitance	1,6 nF/km
Conductor/Conductor Capacitance	45 nF/km

MECHANICAL CHARACTERISTICS

Cable Copper Weight (kg/km)	0.0280
Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

CPR classification	Cca s1, d1, a1
Fire Standard	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Compliant with the RoHS directive
Component Standard	IEC 61156-5 Cat7

ADDITIONAL INFORMATION

Minimum Cut	0.0000
REF	6004SHC5
Maximum E-commerce Drop	0.0000
SKU Collection Photo	6004xsh_hd
Cross-section Diagram Photo	6004SHCx_COUPE_EN_HD
Model Cross-section Diagram Photo	6004SHCx_COUPE_EN_HD
Pictogram	4p_poe
Model Collection Photo	6004xsh_hd
Product Range	Multimedia Connecct
Product Packaging	Drum of 500m