

SFXP7SH

Cable 100 Ω - S/FTP 4 pairs - Cat 7 - 600 MHz - LSZH



Conductor:
Annealed single-strand copper wire AWG23/1

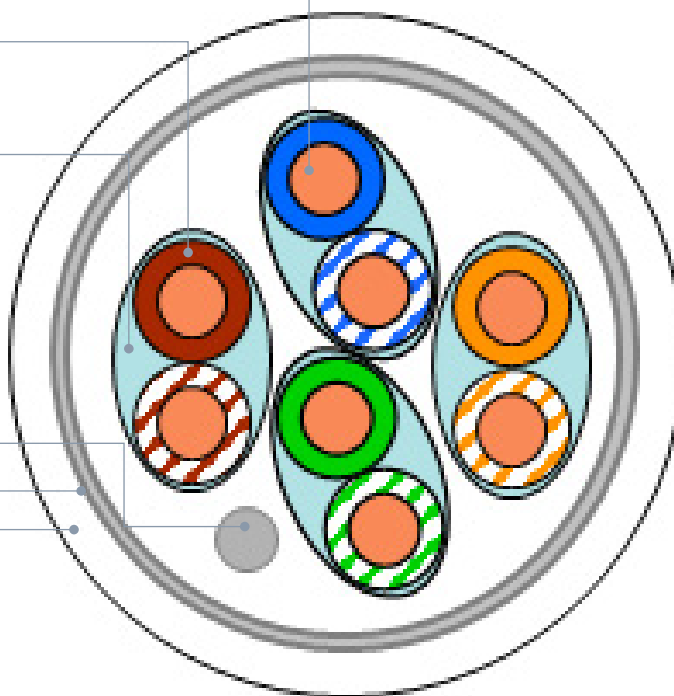
Insulator:
Polyethylene Écume Cutanée

Individual shielding:
Aluminum/Polyester Strapping

Mass drain:
Tinned copper single-strand

General shielding:
Tinned copper braid

Outer sheath:
LSZH - color white RAL 9003



DATA ARTICLES

REF.	Pairs	AWG	Øext (mm)	Kg/Km	
SF4P7SH	4	23/1	7.5	43	T500 m
SF8P7SH	2x4	23/1	7.5 x 15.2	102	T500 m

PRODUCT INFORMATION

APPLICATION

This shielded S/FTP (Shielded / Foiled Twisted Pairs) cable is used in a horizontal or vertical (Rocade) configuration, forms the basis of a high-speed V.D.I (Voice-Data-Image) network, and benefits from E.M.C immunity.

Its shielding allows for use in noisy environments and ensures proper operation up to 600 Mhz. Its internal structure provides significant margins with all current standards.

This cable is used in the transmission of digital and analog signals for voice, data transmission, and video links.

SUPPORTED NETWORK APPLICATIONS

- ISDN - RNIS
- TOKEN RING 4/16 Mbits
- 100 VG-AnyLAN
- TP-PMD/TP-DDI
- ATM 155, 622 Mbits/s et 1,2Gbits
- ETHERNET 10 Base T
- ETHERNET 100 Base Tx, 100 Base T4
- ETHERNET 1000 Base T - GIGABIT Ethernet
- IEEE 802.3 af - IEEE 802.3 at - PoE (Power Over Ethernet) et future PoE+
- IEEE 802.3 an -10 GIGABIT ETHERNET

STANDARDS

CABLE
SYSTEM

IEC 61156-5 Cat 7
ISO 11801 Edition 2 - CLASS F

ELECTRICAL PROPERTIES

Linear electrical resistance:	$\leq 95 \Omega / \text{Km}$
Mutual Capacity:	45 pF / m
Characteristic impedance:	100 Ω
Propagation speed:	79 %

CHARACTERISTICS

	Fire resistance: IEC 60332-1 / NF C32-070 C2 EN 50575 :2014 + A1 :2016 Dca
	LSZH: IEC 61034 / IEC 60754-1 & -2
	Temperature holding: - 20° C / + 70° C
	Minimum radius of curvature: 8 x cable diameter
	Compliant with the RoHS directive