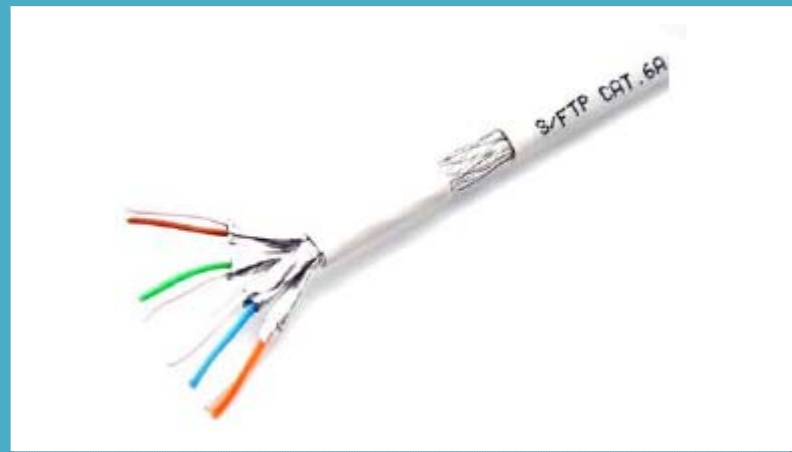


CAT 6A SFTP CABLE - LSZH

Features:

- Support High Speed 10G
- Every Pair Separately Shielded
- LSZH Outer Jacket
- Fire Rating Compliant to IEC 60332-1
- 4 Pair 23 AWG Standard
- HDPE Insulated
- High Speed Data, Voice & Video Signal
- Complies to ANSI-TIA 568.2-D
- RoHS Directive 2002/95/EC
- UL Listed and ETL Verified



High Speed 10Gigabit Ethernet S-FTP 500 MHz Class EA / Category 6A LSZH Cable is produced using 8x23 AWG Solid Bare Copper Conductors. Every pair is separately shielded – pairs in metal foil (PIMF). The twisted pairs are covered with a braided screen (S/FTP) which guarantees outstanding shielding properties and then LSZH Outer Sheath. It supports 10/100/1000Base-T, 155Mbps ATM, IEEE 802.3an (10GBase-T) Standard.

CAT 6A SFTP CABLE - LSZH

Mechanical Specifications

Conductor AWG	:	23
Conductor Material	:	Solid bare Copper
Conductor Count	:	8
Insulation Material	:	Foam Polyethylene
Insulation Diameter	:	1.37±0.05mm
Pairing	:	2 insulated conductor twisted together
No. of pair	:	4
Color Code		
Pair #1	:	Blue White and Blue
Pair #2	:	Orange White and Orange
Pair #3	:	Green White and Green
Pair #4	:	Brown White and Brown
Individual Pair shielding	:	Aluminium /PET Tape
Braid Shield	:	Tinned copper braiding
Drain Wire	:	No
Outer Sheath	:	LSZH
Outer Sheath Color	:	Grey – RAL 7035
Outer Sheath Thickness	:	0.55±0.05mm
Overall cable diameter	:	7.5±0.03mm
Sequential Marking	:	At every meter

Electrical Specifications

Characteristic Impedance	:	100W±15%
Conductor Resistance(DC)	:	£9.38W/100m
Resistance Unbalance	:	5% max
Mutual Capacitance	:	5% max
Capacitance Unbalance	:	330pF/100m
Delay Skew	:	<45ns
NVP	:	74%

CAT 6A SFTP CABLE - LSZH

Bending radius	:	Minimum 8X cable diameter
Pulling force	:	11.5kg
Maximum propagation delay @500MHz	:	536ns
Maximum Attenuation @500Mhz &100m	:	45.3dB
Return loss@500MHz&100m	:	15.2dB
Insertion loss@500MHz&100m	:	45.3dB
NEXT@500MHz&100m	:	33.8dB
PS NEXT @500MHz&100m	:	31.8dB
ACRF(ELFEXT) @500MHz&100m	:	13.8dB
PSA NEXT @500MHz&100m	:	51.8dB
DC Loop Resistance	:	19W/100m
DC Resistance Unbalance (mW)	:	5%

Environmental Specifications

Storage Temperature	:	-20° C to +70° C
Operating Temperature	:	-10° C to +60° C
Flame Properties		
Flammability Test	:	IEC 60332-1
Acid Gas Emission Test	:	IEC 60754
Smoke Density Test	:	IEC 61034
Packing	:	305 Meters in Wooden Drum

Printing : 4PR 23 AWG SFTP LSZH Solid Cable Cat6A
500MHz MM/YYYY XXXM

Compliances / Certifications

UL Listed
ETL Verified

CAT 6A SFTP CABLE - LSZH

Ordering Information

Part No:	Description
NYS-CCAB-CAT6A-SFTP-LSZH	High Speed 10 Gigabit Ethernet SFTP 500 MHz Class EA LSZH Cable, C6A