

Category 6A SFTP Patch Cord



High Speed 10 Gigabit S-FTP Patch Cable Grey, LSZH, C6A delivers optimal transmission and networking performance with reduced insertion loss and Alien Crosstalk. They have high performance components available in broad range of lengths and designed to meet or exceed all Cat6A specifications. 26AWG conductors are securely mated with Shielded RJ45 plug design to deliver superior performance.

Features

- Complies to ANSI/TIA-568.2-D Standard
- Exceeds the requirements of IEEE 802.3an (10GBASE-T) and ISO/IEC 11801 Revision 2.2
- Superior cable flexibility from 26AWG stranded cable
- High grade 50 μ gold Plated RJ45 connectors
- Improved strain relief boot correct bend radius to ensure maximum performance
- Soft latch-cover design for easy depression
- Supports 10Gigabit Ethernet
- Covered by the 3C3® Performance Warranty

Mechanical Specifications

Conductor AWG	: 7/26
Cable Diameter	: 6.2 \pm 0.2mm
Conductor Material	: Stranded Bare Copper
Type of Cable	: S/FTP
Number of Pairs	: 4
Application	: Indoor
Insulation Diameter	: 1.05 \pm 0.05mm
Insulation Material	: Foam Skin PE
Insulation Thickness	: 0.26mm
Shield Material (each pair)	: Aluminum Polyester tape
Shield Material (Overall Braiding)	: Aluminum Magnesium Alloy wire
Jacket Type	: LSZH
Jacket thickness	: 0.6 \pm 0.02mm
Jacket color	: Grey

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Electrical Specifications

Mutual Capacitance	: 5.6 nF per 100 m
Conductor DC Resistance	: 14Ω / 100m
Capacitance Unbalance	: 330 pF per 100 m
Resistance Unbalance	: 4%
Impedance	: 100Ω ± 15%
Frequency	: 500MHz
Maximum Insertion Loss	: 54.4dB
Minimum NEXT	: 28.4 - 29.8dB
Minimum Return loss	: 9.5dB
Minimum ACR-F	: 13.8dB
Minimum PSNEXT	: 31.8dB
Minimum PSACRF	: 10.8dB
Minimum TCL	: 23dB
Minimum Coupling Attenuation	: 41dB
Minimum PSANEXT	: 52dB
Minimum PSAACRF	: 24.2dB

Environmental Specifications

Installation Temperature	: 0°C to 50°C
Storage Temperature	: -20°C to +70°C
Operating Temperature	: -10°C to +60°C

Regulatory Compliances/Certifications

- ETL Verified
- UL Verified
- RoHS Directive 2002/95/EC

Ordering Information

Product Code	Description
23350-XXXX	High Speed 10 Gigabit 26AWG S-FTP Patch Cord, LSZH, C6A, Grey XXXX – Length in Centimeter