



Network Cable Copper

LinkIT S/FTP SlimPatch Cat6a grå 1m

ColorFlex | AWG 28 | LSZH | OD 5.2mm

Product number: LI-SC6ASFTP-CF-010G

Product Description

This solution is optimal for environments requiring high-density cabling, such as data centers and server rooms. The cable has an outer diameter of 5.2 mm, making it ideal for space-saving installations. Using colorful clips, cables can be easily organized and identified, simplifying maintenance and troubleshooting. To ensure that the cabling meets the highest standards for performance and reliability, the Fluke DSX-8000 Channel Test is utilized. This tool verifies cable installations and contributes to optimal network performance. Additionally, the solution is designed to ensure better airflow and cooling performance, reducing the risk of overheating and improving the overall performance and lifespan of the equipment.

Main Specifications

| | |
|---------------------------|--|
| Brand | LinkIT |
| Color | Grey |
| Length (m) | 0,5 |
| Category | Cat.6a Slim |
| Connector type 1 | RJ-45 male (8P8C) |
| Connector type 2 | RJ-45 male (8P8C) |
| Conductor material | Copper |
| Cable shielding | S/FTP - braided shielding/foiled twisted pairs |
| Conductor design | Stranded |



Extended Specifications

| | |
|-------------------------------|---------------------------|
| AWG wire size | 28 |
| Transmission speed | 10Gbps |
| Frequency (Mhz) | 500 |
| Cable structure | 4 x 2 AWG 28/7 (Stranded) |
| Jacket material | LSZH |
| Anti-kink sleeve | Moulded PVC |
| Operating Temperature | -20°C ~ 60°C |
| Cable Diameter (mm) | 5.2 |
| Halogenfree | ✓ |
| Fire retardant version | ✓ |
| Core color 1 | Orange |
| Core color 2 | Blue |
| Core color 3 | Green |
| Core Color 4 | Brown |
| Temperature | Installation: 0°C ~ 50°C |
| EAN | 7072262019826 |
| Certifications | CE, REACH, RoHS |



Dimensional Sketches

| RoHS COMPLIANT | | REVISION INFORMATION | | | |
|----------------|-----------|----------------------|-------------------|--|--|
| Rev. | Rev. Date | Modified By | Brief Description | | |
| | | | | | |

Overview

- Bandwidth: 500MHz
- OD: 5.2mm
- Conductor: 28AWG
- Approvals: RoHS
- Connector: 50U" Gold plated RJ45 connector

Physical Characteristics

- Cable Type – CAT6A S/FTP
- Connector Type(s) – RJ45
- Wiring Scheme – T568B
- Temperature Rating
 - Installation: 0°C-50°C
 - Operation: -20°C-60°C
- Voltage Rating – 30V

Conductor (Qty. 4 twisted pair)

- Conductor Type – 28AWG(7/0.12±0.008mm), Stranded BC
- Insulation – FMPE
- Diameter 0.80±0.05mm
- Pair Identification:
 - Pair1=Orange, White
 - Pair2=Blue, White
 - Pair3=Green, White
 - Pair4=Brown, White

Connector Type (Qty. 2)

- Connector Type – Shielded 8P8C (RJ45)
- Gender – Male
- Connector Material – PC
- Contact Material – Copper Alloy, 50U" Gold Plating
- Hood Material – PVC MOLDED BOOT.

Overall Cable

- Jacket – LSZH
- Minimum Average Thickness – 0.80mm
- Outer Diameter – 5.2 ± 0.20mm

Electrical Characteristics

- Conductor DC Resistance – 58.3Ω/100m (maximum)
- Impedance – 100Ω
- Capacitance – 5900p/100m
- Propagation Delay – 545ns/100m (maximum)
- Delay Skew – 45ns/100m (maximum)
- Pass Fluke DSX 8000 Channel Test

| TOLERANCE GENERALES | |
|---------------------|-----------|
| LENGTH(M) | TOLERANCE |
| 0<L<1 | +35/-15mm |
| 1≤L<2 | +35/-20mm |
| 2≤L<5 | +35/-30mm |
| 5≤L<10 | ±50mm |
| L≥10 | ±80mm |

| | | | |
|-------------|---|----------|----------|
| ITEM NO: | Fast Tracing CAT.6A S/FTP 28AWG 10G Patch Cable with Colorful Clips | DRAWER | FW |
| TITLE | | DATE | 20240528 |
| CUSTOMER | | CHECKED | ACE |
| | | DATE | 20240528 |
| MATERIAL | | APPROVED | |
| REV. | A | DATE | |
| DRAWING NO: | 8ASFL500712FB 180-40528082 | | |
| ACAD FILE | E:\ | | |

| NO. | SPECIFICATION |
|----------|---|
| 4 | COLORFUL CLIPS |
| 3 | RJ45 PLUG: 8P8C 50U" GOLD PLATED TWO-PIECE PLUG; SHIELDED NICKEL PLATING. |
| 2 | MOLDED: PVC MOLDED BOOT. |
| 1 | CABLE: CAT6A S/FTP [28AWG(7/0.12±0.008BC)+AL/MYLAR]*4+BRAID(18*4/0.12AL-MG) OD=Ø5.2±0.20MM LSZH JACKET. |
| BOM LIST | |

