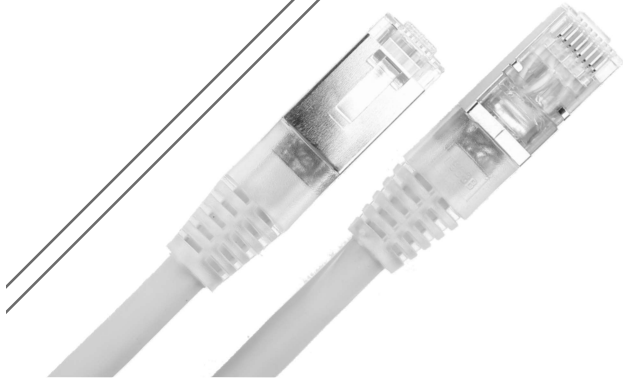


## Cat6a SFTP Patch Cables



Protected by LSZH jacket  
Stranded Oxygen-free Copper  
Rated for 500MHz communications  
Designed for 10GBase-T Ethernet  
Pass the Fluke Channel Test  
RoHS, CE compliancy status  
26AWG 4-pair precision twisted cable  
Molded strain relief with snagless design  
RJ45 plugs with 50-micron gold-plated connectors  
A variety of lengths 0.4, 1,2,3,5,10,20mtr

### OVERVIEW

Cat6a network patch cable is the cost-effective solution for data center and SMB applications. Design for computers, hubs, switches, routers, DSL/cable modems and patch

panels in Gigabit datacenter applications. With fast transmission and excellent signal quality, it ensures peak performance through your LAN.

### APPLICATION

Cat6a network patch cable is the cost-effective solution for data center and SMB applications. Design for computers, hubs, switches, routers, DSL/cable modems and patch

panels in Gigabit datacenter applications. With fast transmission and excellent signal quality, it ensures peak performance through your LAN.



**Cat6a SFTP Patch Cables**

**TECHNICAL SPECIFICATION**

|  |   |
|--|---|
| <b>Product Type</b>                        |   |
| Shielding Type                             | Shielded (S/FTP)  |
| Termination End                            | RJ45 Plug   |
| Reference Standard                         | ISO/IEC 11801, ANSI/TIA-568-C.2                                     |
| <b>Conductor</b>                           |   |
| Conductor Type                             | Stranded  |
| Conductor Material                         | Copper  |
| Wire Gauge (AWG)                           | 26(7/0.16mm)  |
| Conductor Qty                              | 4Twisted Pairs  |
| <b>Insulation</b>                          |   |
| Insulation Material                        | FOAM PE   |
| Insulation Diameter (mm)                   | 1.01 ± 0.05   |
| Core Color                                 | A.White-Blue,<br>B.White-Orange,<br>C.White-Green,<br>D.White-Brown |
| <b>Shield</b>                              |   |
| Individual Shield & Material               | AL-Foil   |
| Primary Overall Shield & Material          | No  |
| Secondary Overall Shield & Material        | CCAM Braid  |
| Shield Coverage                            | ≥40%  |
| Material                                   | LSZH  |
| Thickness (mm)                             | 0.6   |
| Outer O.D. (mm)                            | 6.2 ± 0.3   |
| Color                                      | Blue/Gray/Black/White   |
| Data Rate Support                          | 10GBase-T   |
| Standard Bandwidth (MHZ)                   | 500   |
| Reference Bandwidth (MHZ)                  | 550   |
| Max. DC Conductor Resistance Unbalance (%) | 5   |

**Cat6a SFTP Patch Cables**

**TECHNICAL SPECIFICATION**

|                                     |                   |
|-------------------------------------|-------------------|
| 1-500MHz, Delay Skew (ns/100m)      | ≤45               |
| Max. Conductor Resistance           | 145               |
| 20°C (Ω/1km)                        |                   |
| Outer Jacket Tensile Strength (Mpa) | ≥13.5             |
| Outer Jacket Elongation (%)         | ≥150              |
| Aging Period (°C×hrs)               | 100°C×24h×7d      |
| After Aging Tensile Strength (Mpa)  | ≥12.5             |
| After Aging Elongation (%)          | ≥125              |
| Cold Bend (-20±2°C×4h)              | No Visible Cracks |
| Min. Bend Radius (cm)               | 4.34 ± 0.2        |
| <b>Surface Printing</b>             |                   |
| Letter Height (mm)                  | 3.0 ± 0.3         |
| Color                               | Black             |

**ORDERING INFORMATION**

|             |  |
|-------------|--|
| AE-PP6ASFTP | GREY-0.4M CAT6A 26AWG Pure Copper SFTP Patch Cord 0.4Mtr |
| AE-PP6ASFTP | GREY-1M CAT6A 26AWG Pure Copper SFTP Patch Cord 1Mtr     |
| AE-PP6ASFTP | GREY-2M CAT6A 26AWG Pure Copper SFTP Patch Cord 2Mtr     |
| AE-PP6ASFTP | GREY-3M CAT6A 26AWG Pure Copper SFTP Patch Cord 3Mtr     |
| AE-PP6ASFTP | GREY-5M CAT6A 26AWG Pure Copper SFTP Patch Cord 5Mtr     |
| AE-PP6ASFTP | GREY-10M CAT6A 26AWG Pure Copper SFTP Patch Cord 10Mtr   |
| AE-PP6ASFTP | GREY-20M CAT6A 26AWG Pure Copper SFTP Patch Cord 20Mtr   |