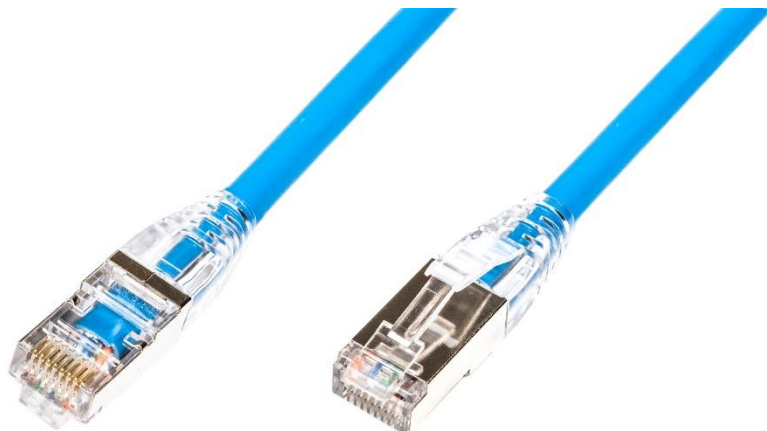


Cat.6A U/FTP 26AWG Patch Cord



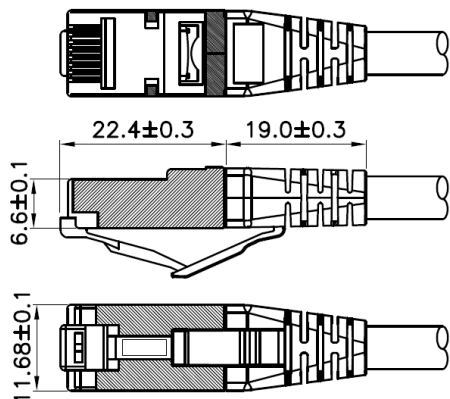
Features

- Compliant with ANSI/TIA 568.2-D and ISO/IEC11801-1 Cat.6A patch cord performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standard Compliance

- ANSI/TIA-568.2-D
- IEC 60754-2 Halogen / Acid
- ISO/IEC 11801-1, Class I
- IEC 60603-7-1
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- IEC 61034-2 Smoke
- IEC 61935-2
- IEC 60512-99-002
- RoHS /REACH compliant

Dimensions (mm)



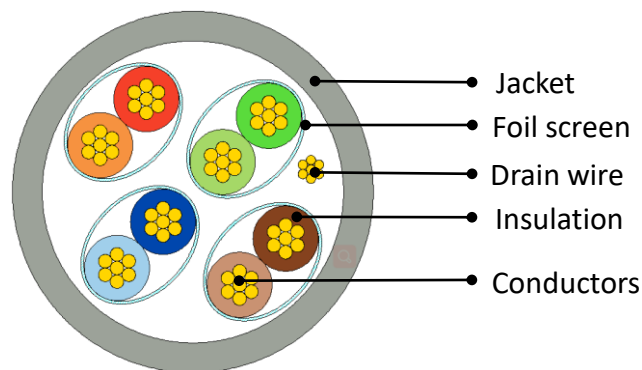
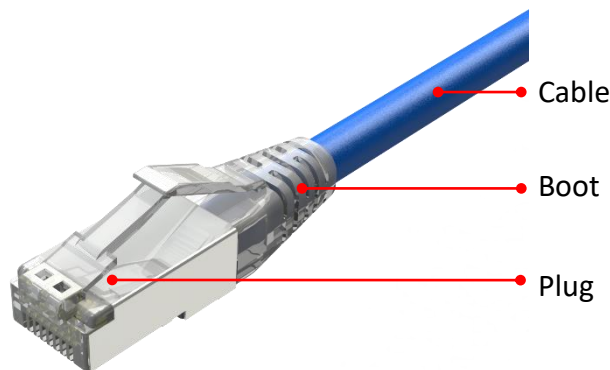
Length Information, at 20 °C

- **Length Available :**
2-connector Channel: 0.3 m to 20 m
Point to Point (w/o Perm. Link): 0.3 m to 80 m

• 2-point Channel Length Information:

Cord A	Perm. Link	Cord B	Performance
9m	90m	1m	Channel & 4PPoE
55m	10m	1m	Channel & 4PPoE

Cat.6A U/FTP 26AWG Patch Cord



Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)

- Life (mating cycles) Min. 750 cycles
- Pulling tension 50 N for 60 s
- Strain relief 50 N for 60 s in all direction
- Flexing 1 N for 500 cycles, 20 cycles per 60 s
- Bend radius Min. 47.2 mm, 8x of cable O.D.
- Insulation resistance $\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
- Voltage proof Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F), under static conditions
- Operating temperature -10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 26 AWG, $7 \times 0.156 \pm 0.003 \text{ mm}$
- Insulation Foam PE, OD $1.01 \pm 0.03 \text{ mm}$
- Foil Screen Aluminum / PET on each pair
- Braid n/a
- Drain wire Tinned copper-clad steel, $7 \times 0.152 \text{ mm}$
- Jacket 0.55 mm(nominal) thickness, OD $5.9 \pm 0.2 \text{ mm}$
- Cross filler(separator) n/a

Cable Marking

- LSZH U/FTP PATCH CABLE 26AWG 4PR LSZH ISO/IEC 11801 CLASS EA & EN50288 CAT.6A
XXXXXXX-X

Plug

- Conductors Min. 0.3 mm thickness phosphor bronze
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 2 rows type, polycarbonate, UL rated, transparent color
- Load bar 2 rows type, polycarbonate, UL rated, transparent color
- Shield Brass with nickel plating
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- boot Polycarbonate, UL rated