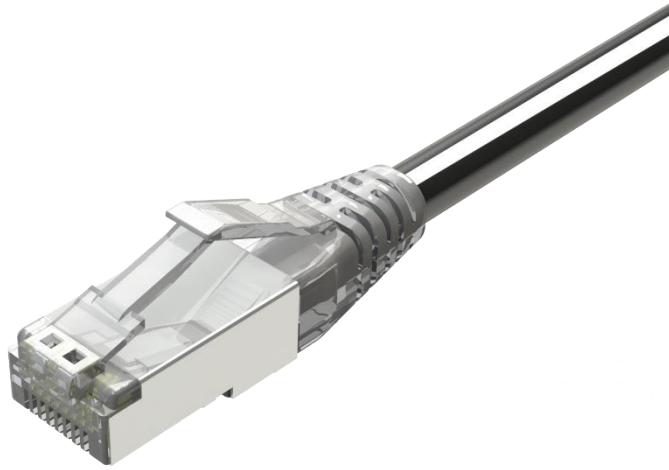


### Cat.8 S/FTP 26AWG Patch Cord



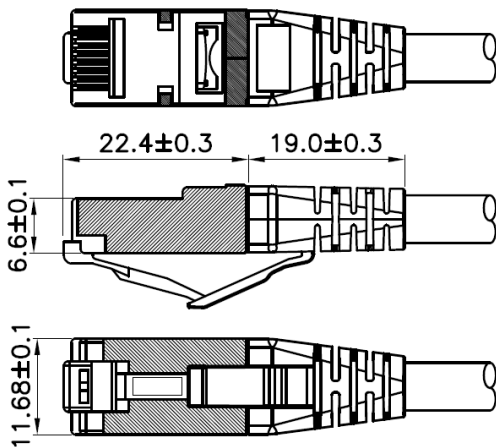
#### Features

- Cat.8 S/FTP patch cord compatible with 40Gbps applications
- Compliant with both of ISO/IEC11801-1 Cat.6<sub>A</sub> component rated patch cord and Cat.8 Class I performance up to 2000MHz
- Power over HDBaseT™ (PoH) applications up to 100 W

#### Standard Compliance

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

Dimensions (mm)



#### Length Information, at 20 °C

##### • Length Available :

Cat.8 2-connector 30m Channel: 1m to 5m

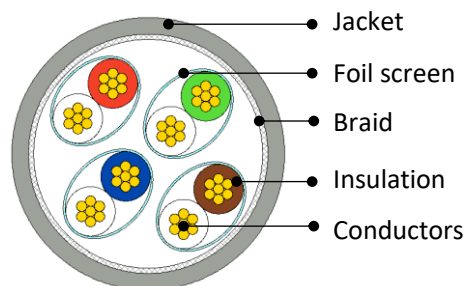
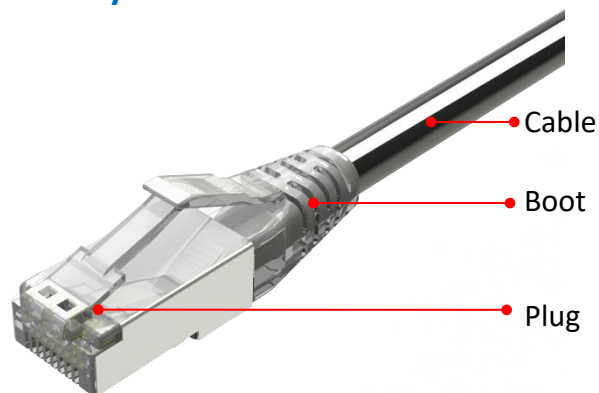
Cat.8 Point to Point (w/o Perm. Link): 1m to 20m

Cat.6<sub>A</sub> component : 1m to 30m

##### • Cat.8 30m Channel Linking Information:

Cord A	Perm. Link	Cord B	Performance
1m	24m	5m	Channel & 4PPoE
2m	24m	4m	Channel & 4PPoE
3m	24m	3m	Channel & 4PPoE
2m	26m	2m	Channel & 4PPoE

### Cat.8 S/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, 20cycles per 60 s
- Bend radius Min. 58.4 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  $0^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  ( $32^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ )
- Storage temperature  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $158^{\circ}\text{F}$ ), under static conditions
- Operating temperature  $-10^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  ( $14^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ ), under static conditions

#### Cable

- Conductors Bare copper, 26AWG,  $7 \times 0.152 \pm 0.005 \text{ mm}$
- Insulation Foam PE, OD  $1.06 \pm 0.03 \text{ mm}$
- Foil Screen Aluminum / PET on each pair
- Braid Tinned copper-clad-steel, min. 30% coverage
- Jacket 0.55mm(nominal) thickness, OD  $5.9 \pm 0.2 \text{ mm}$

#### Cable Marking

- PVC S/FTP PATCH CABLE 26AWG 4PR PVC ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXXXX-X

#### Plug

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

#### Boot

- boot PC, UL rated