

Cat.6A U/FTP 26AWG Patch Cord



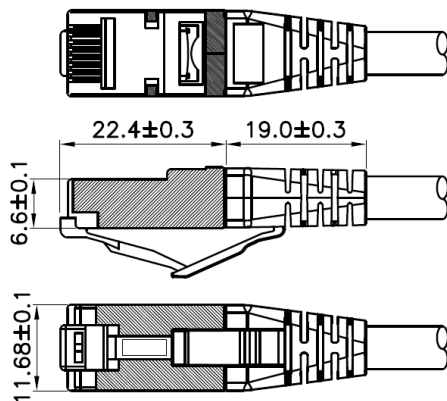
Features

- 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
- 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)
- UL444
- IEC 61935-2
- IEC 60512-99-002
- RoHS /REACH compliant

Dimensions (mm)



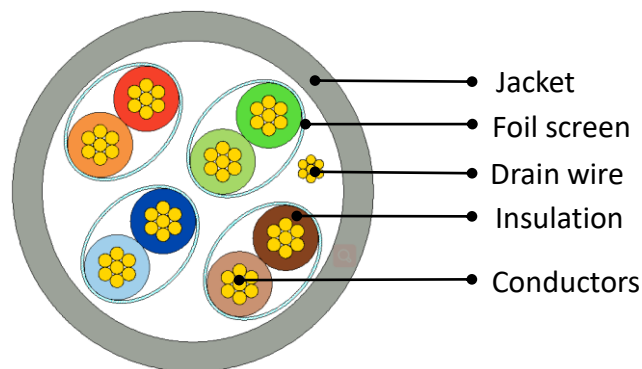
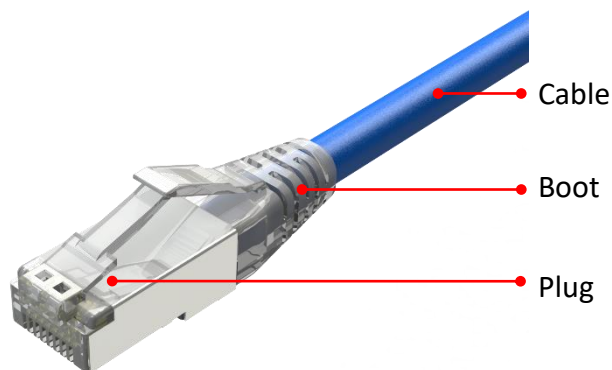
Length Information, at 20 °C

- **Length Available :**
 2-conductor 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

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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	≥ 500 MΩ 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 x 0.156±0.003 mm
• Insulation	Foam PE, OD 1.01±0.03 mm
• Foil Screen	Aluminum / PET on each pair
• Braid	n/a
• Drain wire	Tinned copper-clad steel, 7 x 0.152mm
• Jacket	0.55 mm(nominal) thickness, OD 5.9±0.2 mm
• Cross filler(separator)	n/a

Cable Marking

• CM	U/FTP PATCH CABLE 26AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS EA & EN50288 CAT.6A XXXXXX-X
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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	≤ 20 mΩ

Boot

• boot	Polycarbonate, UL rated
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