

Cat.6 UTP 28AWG Slim Patch Cord



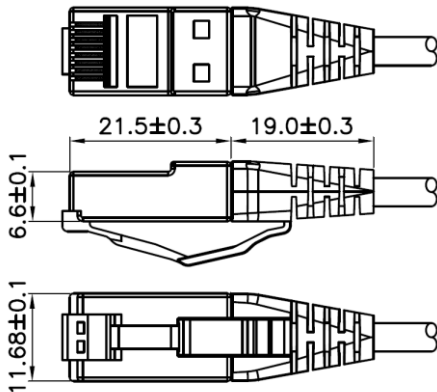
Features

- Less over 50% size of 24AWG patch cord
- Extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with the ISO/IEC11801-1 class E and ANSI/TIA 568.2-D CAT.6 performance
- Power over HDBaseT™ (PoH) applications up to 100 watts

Standard Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E
- IEC 60603-7
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 watts
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444
- IEC 61935-2
- IEC 60512-99-002
- RoHS /REACH compliant

Dimensions (mm)



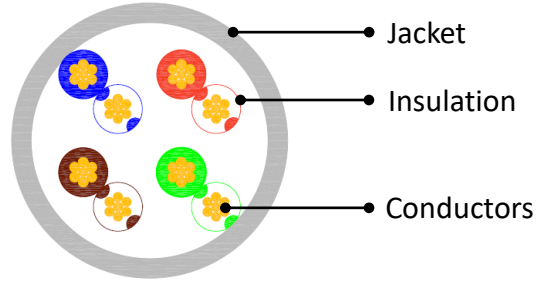
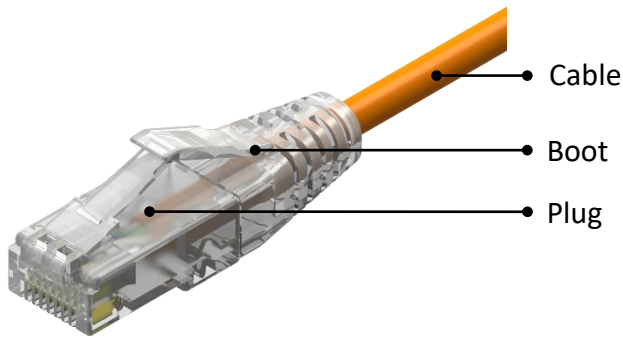
Length Information, at 20 °C

- **Length Available :**
 2-conductor Channel: 1m to 15m
 Point to Point (w/o Perm. Link): 0.5m to 40m

• Channel Length Information:

Cord A	Perm. Link	Cord B	Performance
5m	90m	1m	Channel & 4PPoE
15m	70m	1m	Channel & 4PPoE
40m	9m	1m	Channel & 4PPoE

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Specifications

Patch cord Reliability

• Life (mating cycles)	Min. 750 cycles
• Pulling tension	50N for 60sec.
• Strain relief	50N for 60sec. in all direction
• Flexing	2N for 500 cycles, 20cycles per 60sec.
• Bend radius	Min. 30.4mm, 8x of cable O.D.
• Insulation resistance	≥ 500 MΩ at 100 Vd.c., for 60sec.
• Voltage proof	Contact to contact 1000 Vd.c., for 60sec.
• 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, 28AWG
• Insulation	HDPE, O.D. 0.63±0.02mm
• Jacket	0.5mm(nominal) thickness, O.D. 3.8±0.2mm

Cable Marking

• CM	U/UTP PATCH CABLE 28AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXXX-X
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Plug

• Conductors	Phosphor bronze, min. 0.3mm thickness
• Gold plating	50 micro-inch gold plating over 50 micro-inch nickel plating on contact area
• Housing	2 rows type, polycarbonate, UL rated, transparent color
• Load bar	2 rows type, polycarbonate, UL rated, transparent color
• Contact resistances	≤ 20mΩ

Boot

• Boot	Polycarbonate, UL rated, transparent color
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