CompuLink-USA™

Performance Plus
Cat 6 Thin Patch Cords – 28 AWG

FEATURES

- Component rated
- Dual rated (CM/LSZH) can be used globally
- Used in 1 Gigabit applications for all frequencies from 1 to 250 MHz
- Available in white, yellow, gray, black, red, green, blue, orange and violet
- Available in lengths from 1 to 50 ft
- Power over Ethernet compatible
- Flexible cable allows for tight bend-radius applications around high-density switches, routers and other electronics
- Bend radius is a narrow 0.60 inches versus 1.0 inch for typical Cat 6 patch cords

STANDARDS & REGULATIONS

- ANSI/TIA-568.2-D
- ANSI/TIA-1096-A (formerly FCC Part 68)
- ISO/IEC11801-1
- RoHS compliant
- IEEE 802.3bt PoE: Type 1 (15.4 W) formerly 802.3af, Type 2 (30 W) formerly 802.3at, Type 3 (60 W), Type 4 (90 W)
- Cisco UPoE (60 W), UPoE+ (90 W)
- Power over HDBaseT™ PoH (95 W)
- UL 444 (CM)
- IEC 60332-1 (LSHF/LSZH)
- Plug and boot are UL 94V-0
- UL voltage rating: 300V

MECHANICAL SPECIFICATIONS

Materials: 28 AWG, stranded shielded cable, standard modular non-keyed, 8-position, 8-conductor plug, 94V-0 rated
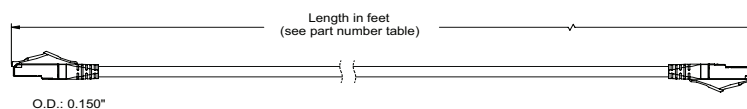
Cable Outer Diameter: 0.150 inches (3.8 mm)

Bend Radius: 0.60 inches (15.2 mm)

DESIGN CONSIDERATIONS

Channel Length: Supports 96-meter channels that include 90-meter permanent links. Supports 93-meter channels with 10 meters of patch cords included in the channel.

PoE: Under PoE at 90 watts, maximum bundle size is 12 cables with a separation of 1.5 inches from outer edge to outer edge of cable bundles for 28 AWG cables installed in air and a maximum ambient temperature of 45 °C (113 °F), as defined in TIA TSB-184-A.

Length in feet
(see part number table)

O.D.: 0.150"

DESCRIPTION	COMPULINK-USA PART NO.	ANIXTER PART NO.
Cat 6 Thin Patch Cord, 28 AWG, 3 feet	T3M3M-BO28yy-03	MM03-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 5 feet	T3M3M-BO28yy-05	MM05-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 7 feet	T3M3M-BO28yy-07	MM07-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 10 feet	T3M3M-BO28yy-10	MM10-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 14 feet	T3M3M-BO28yy-14	MM14-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 15 feet	T3M3M-BO28yy-15	MM15-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 20 feet	T3M3M-BO28yy-20	MM20-AXC6SD-yy
Cat 6 Thin Patch Cord, 28 AWG, 25 feet	T3M3M-BO28yy-25	MM25-AXC6SD-yy

yy = White (01), Black (02), Red (03), Green (04), Yellow (05), Blue (06), Orange (08), Gray (09), Violet (10)

Additional lengths and variations available.