



## Performance Plus Cat 6A Thin Patch Cords – 28 AWG

### FEATURES

- Component rated
- Dual rated (CM/LSZH) can be used globally
- Shielded plug provides proper grounding and ability to use cord in both shielded and UTP channels
- Used in 10 Gigabit applications for all frequencies from 1 to 500 MHz
- Available in white, yellow, gray, black, red, green, blue
- 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 0.74 inches, versus 1.0 inch for typical Cat 6A patch cords
- TAA Compliant

### 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)

### MECHANICAL SPECIFICATIONS

**Materials:** 28 AWG, stranded shielded cable, standard modular non-keyed, 8-position, 8-conductor plug, 94V-0 rated

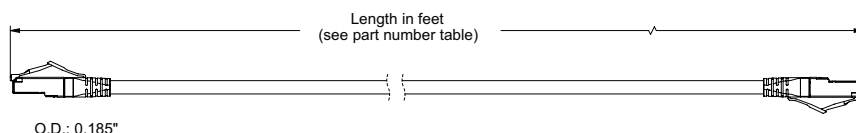
**Cable Outer Diameter:** 0.185 inches (4.7 mm)

**Bend Radius:** 0.74 inches (18.8 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.



| DESCRIPTION                             | COMPULINK-USA PART NO. | ANIXTER PART NO.  |
|---|------------------------|-------------------|
| Cat 6A Thin Patch Cord, 28 AWG, 3 feet  | T3N3N-B28SAyy-03       | MM03-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 5 feet  | T3N3N-B28SAyy-05       | MM05-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 7 feet  | T3N3N-B28SAyy-07       | MM07-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 10 feet | T3N3N-B28SAyy-10       | MM10-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 14 feet | T3N3N-B28SAyy-14       | MM14-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 15 feet | T3N3N-B28SAyy-15       | MM15-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 20 feet | T3N3N-B28SAyy-20       | MM20-AXC6ASDS-yyB |
| Cat 6A Thin Patch Cord, 28 AWG, 25 feet | T3N3N-B28SAyy-25       | MM25-AXC6ASDS-yyB |

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