

28 AWG UTP Assemblies

Component Tested (QT) or Channel Certified (QC)

Copper Patch Cord, RJ45 to RJ45, Clear Snagless Boots, CAT6 28 AWG Stranded 7/36 Tinned Copper Wire, 4 Pair, Unshielded Twisted Pair, Riser, 568B.

Available without boots on request.

Features

Category 6 performance level patch cords are designed for high-speed Gigabit Ethernet network systems.

Improved cable density with less cross-sectional area promotes increased air flow and rack ventilation.

High quality cable suitable for cabling systems in data centers and telecommunication rooms.

Tested for continuity, shorts, wire mapping and overall integrity. Manufactured in the USA.

Applications

High performance networking applications where riser cables are required.

Applications include data, voice and video distribution systems.

Optimal routing within racks and cabinets for high density applications. Suitable for 1000BASE-T.

Use in:

- LAN / WAN
- Channel Requirements up to 53 meters. 6.5 meters of 28 AWG patch length with a 90 meter permanent link (96.5 meter channel) or 10 meters of patch length with an 84 meter permanent link (94 meter channel).
- Power Over Ethernet: PoE, PoE+, UPoE, PoH (40 meters)

Agency / Standard Compliance

Cable:

- RoHS/REACH Compliant
- ANSI/TIA 568 C.2
- IEEE 802.3at Compatible
- NEC (UL) TYPE CMR
- CEC C(UL) TYPE CMR

Connector:

- RoHS/REACH Compliant
- ANSI/TIA 568
- IEC 60603-7
- TIA 1096
- UL 94V-0 Flame Rating

Test Parameters for Component Tested (QT)

Cable and connectors meet or exceed industry mechanical and electrical parameters for performance and reliability.

Patch cords are qualified and 100% tested at :

- ANSI/TIA Category 6 Performance
- ISO/IEC 11801 Class E (250 MHz) Performance

Durability

For indoor use.

Riser (CMR) jacket cable allows for routing between floors in risers, vertical shafts and other non-plenum spaces.

Stranded wire design with smaller wire gauge increases wire flexibility.

Tight bend radius allows for improved cable routing and management.

Environmental Conditions

Patch Cord Operating Temperature - 20°C + 75°C (- 4°F + 167°F)
 Cable Jacket Material Polyvinylchloride (PVC)
 Nominal Weight per 1000 ft 4.9 kg (10.8 lb)



Jacket Colors

- | | | |
|---------|----------|--------------|
| ● Black | ● Red | ● Pink |
| ● Gray | ● Orange | ● Lime |
| ○ White | ● Yellow | ● Aqua |
| ● Brown | ● Green | ● Light Blue |
| ● Beige | ● Blue | ● Violet |

Colors shown are a representation only.
 Standard colors normally in stock.

Parameter

Specification

Cable Outside Diameter	3.9 mm (0.155 in) max.
Cable Gauge	28 AWG (7x36) Stranded
Cable Sweep Frequency	250 MHz
Voltage Rating, Max.	300V
D.C. Resistance, Max.	62.8Ω/1000 ft
Insertion Loss	1.8 dB max.
Operating Environment	- 20°C to + 75°C (- 4°F + 167°F)

Cable Cross Section

