

Copper Patch Cord

CAT6A Assemblies

Component Tested (QG) or Channel Certified (QF)

Copper Patch Cord, RJ45 to RJ45, Clear Snagless Boots, CAT6A 26 AWG Stranded 7/34 Tinned Copper Wire, 4 Pair, Shielded Twisted Pair, Riser, 568B Straight.

Available as a shielded or unshielded assembly.

Features

Category 6A patch cords manufactured in the USA from high quality components.

RJ45 Slim Snagless connectors ideal for high-density applications.

Tested for continuity, shorts, wire mapping and overall integrity.

Shielded assembly, when selected, provides EMI/RFI protection and a reliable ground path connection.

Applications

Applications include data, voice and video distribution systems.

Designed for high-speed 10-Gigabit Ethernet network systems such as in data centers and telecommunication rooms.

Assembly meets requirements associated with alien crosstalk in bundled applications.

Suitable for vertical and building backbone usage.

Use for:

- 10GBASE-T
- LAN / WAN
- Power Over Ethernet: PoE, PoE+, UPoE, PoH

Shielded assembly used in environments where noise interference or data security are a concern; such as in government, healthcare and manufacturing applications.

Agency / Standard Compliance

Cable:

- RoHS/REACH Compliant
- ANSI/TIA 568 C.2
- NEC (UL) TYPE CMR/CMG
- CEC C(UL) TYPE CMR/CMG

Connector:

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

Test Parameters for Component Tested (QG)

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 6A
- ISO/IEC 11801 Class E_A (500 MHz)

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 increases wire flexibility.

Cable meets or exceeds CAT6A alien cross talk parameters.



Jacket Colors

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

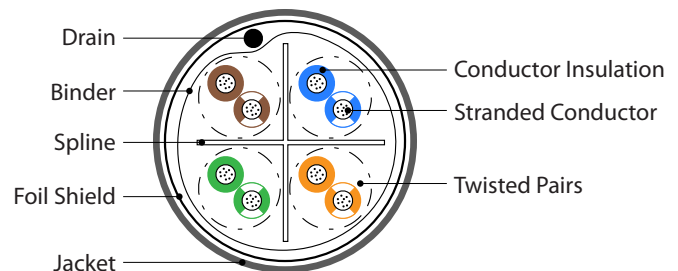
Colors shown are a representation only.
Standard colors normally in stock.

Parameter

Parameter	Specification
Cable Outside Diameter	6.2 mm (0.242 in) max.
Cable Jacket Material	Polyvinylchloride (PVC)
Cable Gauge	26 AWG (7x34) Stranded
Nominal Weight per 1000 ft	11.3 kg (25 lb)
Cable Sweep Frequency	500 MHz
Voltage Rating, Max.	300V
D.C. Resistance, Max.	14 Ω
Insertion Loss	1.5 dB max.
Operating Environment	- 20°C + 75°C (- 4°F + 167°F)

Specification

Shielded Cable Cross Section



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