

# CAT6

## Copper Patch Cord



### CAT6 Channel Certified (QC) RJ45 Assemblies

#### QCR5R5

Part Number

Copper Patch Cord, RJ45 to RJ45, No Boots, CAT6 24 AWG Stranded 7/32 Tinned Copper Wire, 4 Pair, Unshielded Twisted Pair, Riser, 568B Straight.

#### QCRSRS

Part Number

Copper Patch Cord, RJ45 to RJ45, Slim Snagless Boots, CAT6 24 AWG Stranded 7/32 Tinned Copper Wire, 4 Pair, Unshielded Twisted Pair, Riser, 568B Straight.

#### Features

Category 6 patch cords manufactured in the USA from high quality components.  
High quality cable suitable for vertical and building backbone usage. Patch cords are verified for channel performance.  
Tested for continuity, shorts, wire mapping and overall integrity.  
RJ45 Slim Snagless connectors, when selected, are ideal for high-density applications.

#### Applications

High performance networking applications where CAT6 riser cables are required.  
Applications include data, voice and video distribution systems.  
Designed for Gigabit Ethernet network systems.  
High quality cable suitable for vertical and building backbone usage.  
Use for:

- 1000BASE-T and legacy systems
- LAN / WAN
- Power Over Ethernet: PoE, PoE+, UPoE, PoH

#### Agency / Standard Compliance

##### Cable:

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

##### Connector:

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

#### 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 and connectors exceed industry mechanical and electrical specifications allowing for maximum reliability.



#### Jacket Colors

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

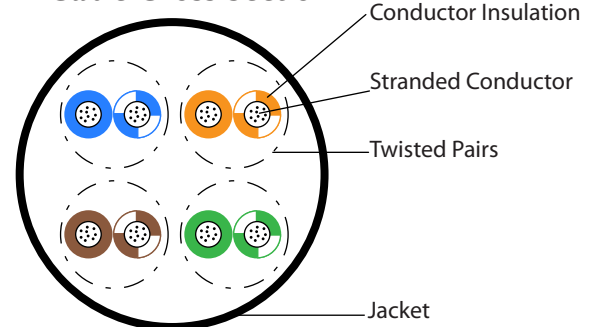
Colors shown are a representation only.  
Standard colors normally in stock

#### Parameter

Parameter	Specification
Cable Outside Diameter	5.6 mm (0.22 in) max.
Cable Jacket Material	Polyvinylchloride (PVC)
Cable Gauge	24 AWG (7x32) Stranded
Nominal Weight per 1000 ft	10.75 kg (23.7 lb)
Cable Sweep Frequency	600 MHz
Voltage Rating, Max.	300V
D.C. Resistance, Max.	26.5Ω/1000 ft
Insertion Loss	1.2 dB max.
Operating Environment	- 20°C + 75°C (- 4°F + 167°F)

#### Specification

#### Cable Cross Section



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