

CAT-6 U-UTP Component Patch Cord

Application

Category 6 U/UTP patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations

Features

- ▶ Tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 component standards
- ▶ Support of up to 1Gbps Ethernet connectivity
- ▶ Stranded conductor for longer flex-life
- ▶ All patch cords are backwards compatible with earlier ANSI/TIA category ratings
- ▶ T568B wiring to function in either T568A or T568B applications
- ▶ 24 AWG stranded conductors for maximum flexibility
- ▶ Channel performance verified by third-party testing in 4-conductor, 100-meter channel
- ▶ Molded boots with color matching cable

Physical Specification

Connector Type	Unshielded 8P8C (RJ45)/Male
Connector Material	PC Copper Alloy, Gold Plating – 50µm
Boot Type	Molded PVC
Cable	Cat.6 U/UTP LSZH/PVC 4 pairs, 24AWG, stranded,
Cable Dimension	OD Ø5.80mm.

Electrical Characteristics

Conductor DC Resistance	9.38Ω/100m (maximum)
Impedance	100Ω
Capacitance	5600pf/100m
Propagation Delay	545ns/100m (maximum)
Delay Skew	45ns/100m (maximum)

Standard Compliances

- TIA 568-B.2-10 component requirements for connecting hardware from 1 MHz to 250 MHz
- IISO/IEC 11801 • IEEE 802.3at and IEEE 802.3af requirements
- RoHS, Intertek (ETL) & EC Certified

Order Information

Part No	No. of Pairs	Type of Cable	Color of Jacket	Type of Jacket	Standard Length
CS-C6UPC-01-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	1M
CS-C6UPC-02-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	2M
CS-C6UPC-03-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	3M
CS-C6UPC-05-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	5M
CS-C6UPC-10-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	10M
CS-C6UPC-15-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	15M
CS-C6UPC-20-XX	4	CAT-6 U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	20M



CAT-6 UTP COMPONENT
PATCH CORD