

## CAT-6A U-UTP Component Patch Cord

### Application

Category 6A patch leads consist of 4 twisted pairs of 24AWG stranded copper wires. These pairs are then cabled together, with different lay lengths to ensure optimum performance. Staggered pin RJ45 plugs, terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.

### Features

- ▶ Tested and verified by Intertek (ETL) to meet ANSI/TIA-568-C.2 component standards
- ▶ Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- ▶ 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-connector, 100-meter channel
- ▶ Snagless plug design with integrated strain-relief boot

### Physical Specification

Connector Type	Unshielded 8P8C (RJ45)/Male
Connector Material	PC Copper Alloy, Gold Plating – 50µm
Boot Type	Snagless
Cable	Cat.6A 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

- Exceeds ANSI/TIA-568-C.2 Cat 6A and ISO/IEC 11801 Class EA requirements for channel, Link, and component requirements to support IEEE 10GBASE-T (802.3an) network
- RoHS, Intertek (ETL) & EC Certified

### Order Information

Part No	No. of Pairs	Type of Cable	Color of Jacket	Type of Jacket	Standard Length
CS-C6AUPC-01-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	1M
CS-C6AUPC-02-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	2M
CS-C6AUPC-03-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	3M
CS-C6AUPC-05-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	5M
CS-C6AUPC-10-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	10M
CS-C6AUPC-15-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	15M
CS-C6AUPC-20-XX	4	CAT-6A U-UTP	Blue/Green/Grey/Red/Aqua/Yellow	PVC/LSZH	20M



CAT-6A U-UTP COMPONENT  
PATCH CORD