

CAT5E, CAT6, CAT6A Copper Patch Leads



ConnectBlue's range of copper patch leads offer reliability and quality in order to keep you connected. Each lead features a "snagless" design which minimises damage to the lead in scenarios where constant repatching is required.

ConnectBlue patch leads are manufactured and tested to comply with Australian and international standards, with a low smoke zero halogen (LSZH) sheath they offer the highest level of safety. Finally a lifetime replacement warranty provides peace of mind when choosing ConnectBlue patch leads for your network.



Cable Specifications

Cable	Max Transmission Frequency	Bandwidth
CAT5E	100 MHz	Gigabit 1000 Base - T
CAT6	250 MHz	Gigabit 1000 Base - T & 1000 Base - Tx
CAT6A	500 MHz	Gigabit 1000 Base - T

Standard lengths are 0.5, 1, 2, 3, 5, 10, 15, 20, 25 , 30 metres Custom lengths on request

CAT5E U/UTP PATCH CORD

Cable Construction

Basic Cable Conductor	Stranded Bare Annealed Copper
Wire Insulation	HDPE
Number Of Insulated Conductors	8
Cable O. Diameter	5.3 ± 0.2 mm
Storage Temperature	-20 °C to +80 °C
Temperature Operating Range	-20 °C to +75 °C
Wire Scheme	T568A

Compliance

- ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition)
- IEC 61156-2
- EN 50173
- EN 50288-6-2 Category 5e standard

CAT6 U/UTP PATCH CORD

Cable Construction

Basic Cable Conductor	Stranded Bare Annealed Copper
Wire Insulation	HDPE
Number Of Insulated Conductors	8
Cable O. Diameter	6.0 ± 0.2 mm
Storage Temperature	-20 °C to +80 °C
Temperature Operating Range	-20 °C to +75 °C
Wire Scheme	T568A

Compliance

- ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition)
- IEC 61156-2
- EN 50173
- EN 50288-6-2 Category 6 standard

CAT6A U/UTP PATCH CORD

Cable Construction

Basic Cable Conductor	26AWG Stranded Bare Copper
Wire Insulation	SFS PE
Number Of Insulated Conductors	8
Cable Code Of Pairs	Blue x White, Orange x White, Green x White, Brown x White
Individual Pair Shield	Polyester-Aluminium Foil
Overall Shield	Polyester-Aluminium Foil
Outer Jacket and Boots	LSZH Low Smoke Zero Halogen or PVC
Cable O.Diameter	5.6 ± 0.2 mm
Bend Radius	> 25 mm without load
Storage Temperature	-20 °C to +80 °C
Temperature Operating Range	-20 °C to +75 °C

Compliance

- IEEE 802.af and IEEE 802.3at for PoE applications
- IEEE 802.3an-2006
- ISO 11801 Class EA channel standards
- IEC 60603-7
- ISO/IEC-11801
- ANSI/TIA-968-A
- ANSI/TIA-568-C.2 Category 6A

Ordering Information

Product	Description
CBUC5PLXXMYY	PATCH LEAD CAT 5 ETHERNET LSZH UTP RJ45 TO RJ45 XXYY
CBUC6PLXXMYY	PATCH LEAD CAT 6 ETHERNET LSZH UTP RJ45 TO RJ45 XXYY
CBUC6APLXXMYY	PATCH LEAD CAT 6A ETHERNET LSZH UTP RJ45 TO RJ45 XXYY

XX = Length Standard lengths are 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30 metres Custom lengths on request
YY = Colour BK = Black, BL = Blue GN = Green, GY = Grey OR = Orange, PK = Pink, RD = Red, SP = Salmon Pink, VL = Violet WH = White, YL = Yellow