

# Copper Patch Lead (Cat 6)

L1-C6-XX-YY

\*XX – Length \*YY-Colour

## PRODUCT DESCRIPTION:

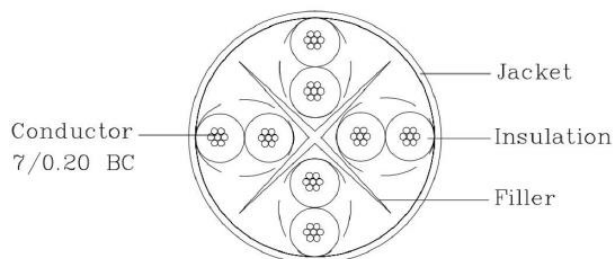
Layer 1 offers a range of high quality and cost effective Cat6 Copper Network Patch Leads.

Available in a range of standard lengths and colours to satisfy all of your 1GB network field and patching requirements including POE equipment.



## KEY FEATURES

- ◆ Tested to pass 250 MHz data transmission rates
- ◆ Meets Cat6 ANSI/TIA-568-C.2 standards
- ◆ Compliant with CE, RoHS, REACH standards
- ◆ Low smoke zero halogen jacket allows for deployment in controlled data centre environments
- ◆ Wide operating temperature suits a range of environments
- ◆ Available in 6 different colours
- ◆ Fully moulded strain-relief boot
- ◆ Supports Gigabit bandwidth
- ◆ Compliant to AS/CA S008:2010



TECHNICAL SPECIFICATION	
Part Number	L1-C6-XX-YY
Description	4-Pair, UTP, 24 AWG, stranded conductors
Length	0.5m, 1m, 1.5m, 2m, 3m, 5m & 10m
Colour	BL, GY, GN, BL, WH, YL
Package Type	Compound bag
ELECTRONIC SPECIFICATION	
Conductor DC Resistance	8.9Ω/100m
Impedance	100 Ω
Capacitance	5600 pf/100m
Propagation Delay	545ns/100m(Maximum)
Delay Skew	45ns/100m(Maximum)
PHYSICAL SPECIFICATIONS	
Wiring Scheme	T568B
Temperature Rating	-20°C - + 75°C
Voltage Rating	30v

CONDUCTOR (4 TWISTED PAIR)	
Conductor	24AWG (7/0.20mm BC)
Insulation	HD-PE:Ø0.95±0.05mm
Twisted Pair	Pair1 = Orange, Orange-White Pair2 = Blue, Blue-White Pair3 = Green, Green-White Pair4 = Brown, Brown-White
Shield	N/A
CONNECTOR TYPE (QTY.2)	
Connector Type	Unshielded 8P8C (RJ45)
Gender	Male
Connector Material	Polycarbonate
Contact Material	Copper Alloy, Gold Plating
Hood Material	Molded PVC
OVERALL CABLE	
Jacket	LSZH
Minimum Average Thickness	0.5mm
Outer Diameter	5.7±0.2mm