

# Copper Patch Lead (Cat 6A)

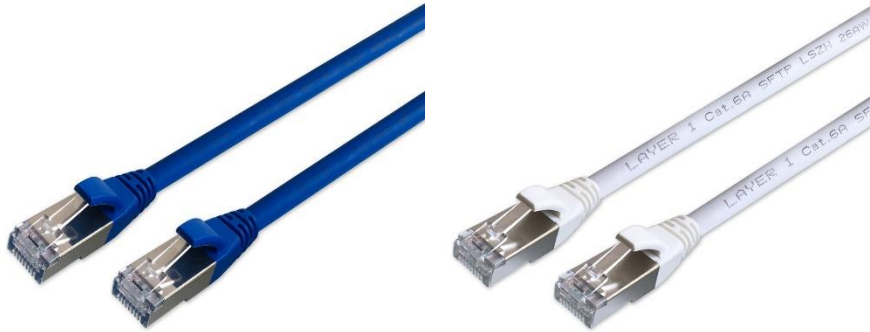
## L1-C6A-XX-YY

\*XX – Length \*YY-Colour



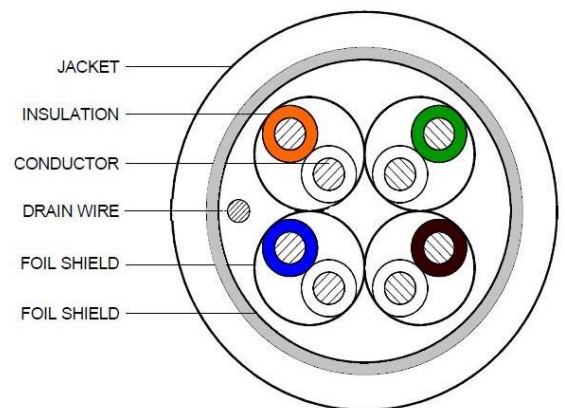
### PRODUCT DESCRIPTION:

Layer 1 Cat6A SFTP Copper Patch Leads are available in a range of standard lengths and colours to satisfy your 10G field network and patching requirements.



### KEY FEATURES

- ◆ Tested to pass 500 MHz data transmission rates
- ◆ Supports 10G bandwidth
- ◆ Meet Cat6A 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 a range of colours
- ◆ Fully moulded strain-relief boot
- ◆ Compliant to AS/CA S008:2010



### TECHNICAL SPECIFICATION

Part Number	L1-C6A-XX-YY
Description	4-Pair, SFTP, 26 AWG, stranded conductors
Length	0.5m, 1m, 1.5m, 2m, 3m, 5m & 10m
Colour	BL, WH
Package Type	Compound bag

### ELECTRONIC SPECIFICATION

Conductor DC Resistance	14.3Ω/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	26AWG (7/0.20mm BC)
Insulation	HD-PE:Ø0.90±0.05mm
Twisted Pair	Pair1 = Orange, Orange-White Pair2 = Blue, Blue-White Pair3 = Green, Green-White Pair4 = Brown, Brown-White
Shield	AL Foil + Braid
CONNECTOR TYPE (QTY.2)	
Connector Type	Shielded 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	6.0±0.2mm