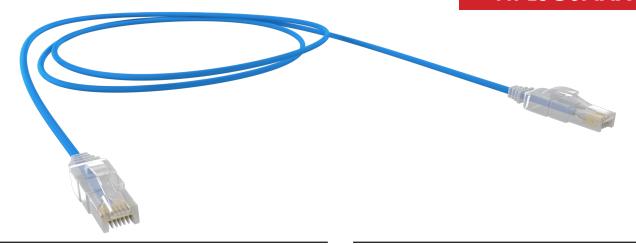# Cat6A UTP Super-Thin 10G Patch Lead

NPLSC6AXX

DESCRIPTION

The CERTECH Cat6A UTP 30AWG Super-Thin 10G patch leads, rated at 500MHz, are the perfect solution for high-performance networking in compact spaces. The cable features a UTP (Unshielded Twisted Pair) construction, built with 30AWG pure copper conductors and a PVC jacket. These patch leads are engineered to meet the demands of modern networking environments, ensuring reliable and high-speed data transfer.

STANDARDS

- AS/CA S008:2020
- ISO/IEC 61935-2
- ANSI/TIA-568.2-D
- ISO/IEC 11801-(1-6)
- IEEE 802.3
- EN 50288-3-2
- IEC 60332-1-2
- ISO9001
- ISO14001

Name	IEEE Standard	Power at Port	Current/Disconnection under load
PoE	IEEE 802.3af	15.5	Compliant
PoE+	IEEE 802.3at	30W	Compliant
PoE++	IEEE 802.3bt (Type 3)	60W	Compliant
PoE++	IEEE 802.3bt (Type 4)	100W	Compliant

FEATURES

- Cat6A UTP 30AWG
- 100% tested & component level certified by 3P, UL & ETL
- Covered by a lifetime warranty.
- Perfect for cabling network data cabinets.
- Perfect for cabling home structured wiring boxes.
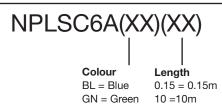- Perfect for cabling high density patch environments.

Available colours:

SIZES AVAILABLE

0.15m, 0.25m, 0.5m, 0.75m, 1.0m, 1.25m, 1.5m, 2m, 2.5, 3m, 5m, 10m, 15m, 20m
15m and 20m only available in blue

PRODUCT CODE LEGEND

NPLSC6A(XX)(XX)

Colour
BL = Blue
GN = Green

Length
0.15 = 0.15m
10 =10m

I.E
NPLSC6ABL0.15
NPLSC6AGN10

Colour		All Lengths (Metres)	Length*	Available Colour
BL = Blue	YL = Yellow	0.15, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 2.5, 3, 5, 10, 15, 20	0.15 - 10m	All colours
WH = White	PK = Pink		15m	Blue only
BK = Black	PP = Purple		20m	Blue only
GN = Green	RD = Red			
GY = Grey	OR = Orange			

DESIGNED AND MANUFACTURED TO AUSTRALIAN STANDARDS AND CONDITIONS

RoHS REACH

PRODUCT SPECIFICATIONS

Conductor Gauge	30AWG
Conductor Type	Stranded
Performance Level	100% Component Tested (0.15-3m)
Cable Construction	U/UTP
Jacket Material	PVC
Plug Type	RJ45 8P8C
Plug Housing Material	PVC
Connector End A	RJ45 Modular Plug
Connector End B	RJ45 Modular Plug
Nominal Cable Outer Diamater	3.1mm +/- 0.3mm
Wiring Scheme	T568A
Maximum Storage Temperature	60°C
Maximum Operating Temperature	60°C
Minimum Operating Temperature	-20°C
Flammability Rating	IEC60332-1-2
Standards Met	ANSI/TIA-568.2-D, ISO/IEC 11801-1, EN 50288-3-2 & IEC 60332-1-2
PoE Compatibility	PoE++ Type 3, rated to 60 Watts

T568A Cabling Pinout Specifications

Pin	Color
8	- Brown
7	- Brown/White
6	- Orange
5	- Blue/White
4	- Blue
3	- Orange/White
2	- Green
1	- Green/White

TIA (T568A)

INSULATION: (HDPE NOMINAL OD:0.55mm)X4P

JACKET:PVC OD=3.1±0.3mm

CONDUCTOR:(30AWG STR BC)X4P

A-A