

SLPCU6P-B-X

Patch Cord Cable Category 6 – UTP PVC

General standards

- International standard: ISO/IEC 11801 2nd edition (2002) and ISO/IEC 11801 Amendment 2 (2010)
- European standard: EN 50173-1 (2002) and EN 50173-1 Amendment 1 (2009)
- U.S. Standards: ANSI/TIA/EIA 568-B.2-1 (2002)

Physical dimensions

1- Conductor

Material: BC - Bare Copper
Diameter: AWG 24

2- Insulation

Material: PO - Polyolefin
Nominal diameter over insulation: 0.3 in.

3- Cable core

Pair: 2 twisted insulated conductors
Number of pairs: 4, all twisted together with AWG 26 tinned Copper Wire
Color code pair 1: White / Blue & Blue
Color code pair 2: White / Orange & Orange
Color code pair 3: White / Green & Green
Color code pair 4: White / Brown & Brown

4- Jacket

Material: PVC - Polyvinyl Chloride
Nominal Diameter: 0.225 in.

5- Length / Colors

Length: 1, 2, 3 and 5 meters
Colors: Blue, Gray, white, off white, Green, Yellow



High frequency (at 20°), reference standard: ISO/IEC61156-5

Frequency [MHz]	Max. Insertion Loss TIA * (dB)	Max. Insertion Loss Fumo (dB)	Min. PSNEXT TIA * (dB)	Min. PSNEXT Fumo (dB)	Min. PSACRF TIA * (dB)	Min. PSACRF Fumo (dB)	Min. Return Loss TIA * (dB)	Min. Return Loss Fumo (dB)	Min. Balanced TCL TIA * (dB)	Min. Balanced TCL Fumo (dB)
1.000	2.400	2.000	72.300	73.300	64.800	67.800	20.000	20.000	40.000	40.000
4.000	4.500	3.700	63.300	64.300	52.800	55.800	23.000	23.000	40.000	40.000
8.000	6.400	5.200	58.800	61.300	46.700	49.700	24.500	24.500	40.000	40.000
10.000	7.100	5.900	57.300	59.800	44.800	47.800	25.000	25.000	40.000	40.000
16.000	9.100	7.400	54.200	56.600	40.700	43.700	25.000	25.000	38.000	38.000
20.000	10.200	8.300	52.800	55.100	38.800	41.800	25.000	25.000	37.000	37.000
25.000	11.400	9.300	51.300	53.500	36.800	39.800	24.200	24.300	36.000	36.000
31.250	12.800	10.400	49.900	52.000	34.900	37.900	23.300	23.600	35.100	35.100
62.500	18.500	14.900	45.400	47.100	28.900	31.900	20.700	21.500	32.000	32.000
100.000	23.800	19.000	42.300	43.800	24.800	27.800	19.000	20.800	30.000	30.000
200.000	34.800	27.500	37.800	38.900	18.800	21.800	16.400	18.700	27.000	27.000
250.000	39.400	31.000	36.300	37.300	16.800	19.800	15.600	18.000	26.000	26.000
300.000		34.200		36.100		18.300		17.500		

Dielectric Strength:

1,000 V RMS @ 60 Hz for 1 minute

Current Rating:

1.500 A

Insulation Resistance:

500 M-Ohm Minimum

Max. Contact Resistance:

20 m-Ohm

Mechanical Characteristics

Specifications

Plug / Jack Compatibility:

RJ45

RJ45 Termination Interface: Mated Connection Durability

750 Cycles

Storage Temperature Range:

-40°C To +70°C

Installation Temperature Range:

-10°C To +60°C

Operating Temperature Range:

-10°C To +60°C

Max. Recommended Pull Tension:

11.250 lbs.

Min. Bend Radius (Overall Cable):

1.040 in.



Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs	Specifications
UL Rating:	Riser
Other Standards:	FCC Part 68, Subpart F, IEC 60603-7
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
MII Order #39 (China RoHS):	EUP 50
Telecommunications Standards:	Category 6 - TIA 568.C.2, ISO/IEC 11801:2002 Ed.2
Safety Listing:	Bi-national Standard Listed
Suitability - Indoor:	Yes

PRODUCT Family

SLPCU6P-B-X	Blue
SLPCU6P-GY-X	Gray
SLPCU6P-W-X	White
SLPCU6P-OW-X	Off White
SLPCU6P-GN-X	Green
SLPCU6P-Y-X	Yellow

