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Cat 6 UTP Patch Cord

CAT6

Prolink CAT6 patch cord is designed with four twisted pairs of cables, ensuring stability of high speed data transmission.

- Transmission bandwidth of 250 MHz
- Provides a higher signal-to-noise ratio
- Allows higher reliability and higher data rates

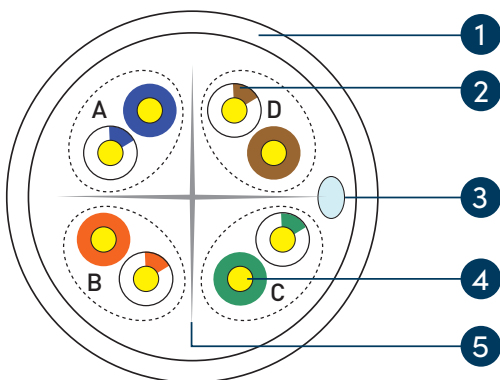The **Prolink CAT6 patch cord** meets the requirements of TIA/EIA-568A/568B & ISO 11801.

4 PAIRS | **8 Conductors** | **23 AWG** | **1/2/3 /5M** | ★★★ **HIGH QUALITY** CAT 6 Patch Cord

Cable Construction Illustration

CAT6

1. PVC Sheath
2. Coloured Insulation
3. Rip Cord
4. Conductor
5. Separator

Insulation Colour

A. White/Blue Stripe & Blue
B. White/Orange Stripe & Orange
C. White/Green Stripe & Green
D. White/Brown Stripe & Brown

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Specifications

Model		CAT6
Construction	Conductor	23 AWG (4 pair)
	Conductor Diameter	0.56±0.02mm
	Insulation	High Density Polyethylene
	Insulation Diameter	0.95±0.02mm
	Pairs	2 Insulated conductors twisted together
	Cable Diameter	5.6±0.15mm
	Printing	Each meter printed with sequential length counter
	Jacket Nominal Wall Thickness	0.7±0.01mm
	Insulation Nominal Wall Thickness	0.2mm
Electrical Properties	Characteristic Impedance	1~100MHz: 100Ω±15%
		100~250MHz: 100Ω±20%
	Conductor Resistance	<20/100m at 20°C
	Insulation Resistance	≥5000MΩ/KM
	Resistance Unbalance	≤2%
	Dielectrical Strength	1.0kv,DC,1min
Colour Code	Pair No.	Colour
	A	White/Blue Stripe & Blue
	B	White/Orange Stripe & Orange
	C	White/Green Stripe & Green
	D	White/Brown Stripe & Brown
Mechanical Properties	Operating Temperature Range	– 20°C to + 75°C

Transmission Characteristics

Frequency	Insertion loss (dB/100m)	NEXT (dB)	PSNEXT (dB)
1	2.0*	83.8*	81.1*
4	3.8*	79.5*	74.9*
10	6.0*	76.0*	74.7*
16	7.6*	66.6*	64.1*
20	8.5*	64.4*	61.9*
31.25	10.7*	64.2*	62.5*
62.5	15.4*	60.2*	57.2*
100	19.8*	57.1*	56.1*
155	25.2*	52.6*	50.6*
200	29.0*	53.1*	50.4*
250	32.8*	44.6*	44.0*

The asterisked (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula:NEXT(fMHZ)≥NEXT(0.722)-15LOG10(fMHZ/0.772)

Packing Weight

Cat6 Patch Cord	0.5m	25g
	1m	37g
	3m	85g
	5m	135g
	10m	261g
	20m	530g
	30m	760g
	50m	1.2kg
	100m	2.5kg

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Authorised Distributor/ Reseller:

Compatible with:

Windows   macOS   Linux