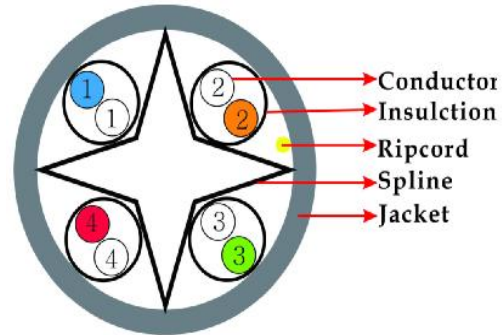


CAT6 UTP BC PVC



DESCRIPTION

CAT6 4Pair UTP 23AWG Solid Bare Copper
PVC Jacket 1000ft

FEATURES

- High-Performance Data Cable
- CM Rated CAT6
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds TIA/EIA-568C, ISO/IEC 11801

APPLICATION

High Speed Horizontal Cabling
100 Mbps TPDDI , 1000 Base T , 622 Mbps ATM
IEEE802.3/IEEE802.5 , 10 Base-T , 100 Base-T4
1000 Base-X , 100 Base-VG , Gigabit Ethernet

MODEL

No	Length	Color
120200	1000ft(305m)	Gray
120201	1000ft(305m)	White
120202	1000ft(305m)	Red
120203	1000ft(305m)	Orange
120204	1000ft(305m)	Yellow
120205	1000ft(305m)	Green
120206	1000ft(305m)	Blue

SPECIFICATION

Technical Data

Rated Temperature	70 °C
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

Conductor

Material	Solid Bare Copper
AWG	Bare Copper (100% Copper) 23AWG
Conductor Diameter	4 × 2 × 0.54± 0.01mm

Insulation

AVG. Thickness	HDPE 0.21mm
Insulation Diameter	0.92 ± 0.01mm

High twisted & Ripcord

Yes

Separator

PP

Jacket

PVC

AVG. Thickness	0.64 ± 0.01mm
Outer Diameter	6.20 ± 0.02mm
Color	Available
Marking	Available

Color of Pairs

Pair 1	Blue	White-Blue
Pair 2	Orange	White-Orange
Pair 3	Green	White-Green
Pair 4	Brown	White-Brown

KIONIX

Email : info@systemelectronics.it

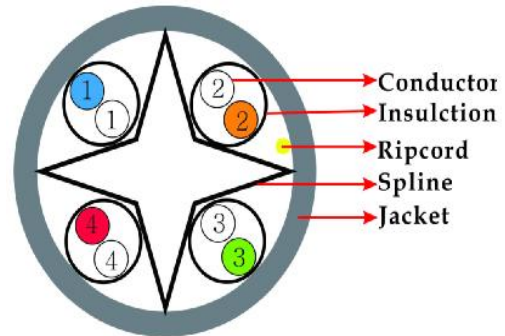
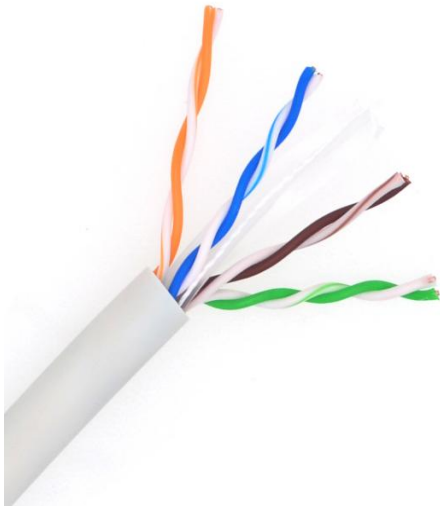
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CAT6 UTP BC PVC



PACKING

Inner box : Pull out box

Outer box : Brown Carton



PERFORMANCE

Mechanical Properties

PVC Tensile Strength(Mpa)	≥ 13.8
Bending Radius	$\geq 4 \times OD$ (without load)
Temperature range	during operation: $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$

Electrical Properties

DC resistance	Max $9.8\Omega / 100 \text{ m}$ at 20°C
1.0 - 100 MHz Impedance	100 ± 15 (Ohms)
100 - 250 MHz Impedance	100 ± 15 (Ohms)
250 - 550 MHz Impedance	100 ± 35 (Ohms)
1.0 - 250 MHz Delay Skew	≤ 45
Pair-to-ground Cap. Unbalance	≤ 330
Resistance Unbalance	$\leq 5\%$

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