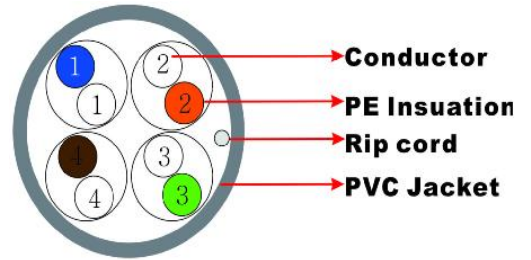


# CAT5E UTP BC PVC



## DESCRIPTION

CAT5E 4-Pair UTP 24AWG Solid Bare Copper  
PVC Jacket 1000ft

## FEATURES

- High-Performance Data Cable
- CAT5E Unshielded Twisted Pairs
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- TIA/EIA-568.C.2, ISO/IEC 11801

## APPLICATION

IEEE 802.3: 1000Base-T; 100Base-T; 10Base-T  
IEEE 802.5: 4/6 Mbps Token Ring  
Structure Cabling ,155Mbps ATM , ISDN  
Gigabit Ethernet

## MODEL

No	Length	Color
110210	1000ft(305m)	Gray
110211	1000ft(305m)	White
110212	1000ft(305m)	Red
110213	1000ft(305m)	Orange
110214	1000ft(305m)	Yellow
110215	1000ft(305m)	Green
110216	1000ft(305m)	Blue

## SPECIFICATION

### Technical Data

DC resistance	Max 9.38 $\Omega$ / 100m
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

### Conductor

Material	<b>Solid BC</b> Bare Copper (100% Copper)
AWG	24AWG
Conductor Diameter	4×2×1/0.49±0.01mm

### Insulation

Material	<b>HDPE</b> PE
AVG. Thickness	0.21 ± 0.01 mm
Insulation Diameter	0.95 ± 0.01mm

### High twisted & Ripcord

### Jacket

AVG. Thickness	<b>PVC</b> 0.63 mm
Outer Diameter	5.3 ± 0.1mm
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

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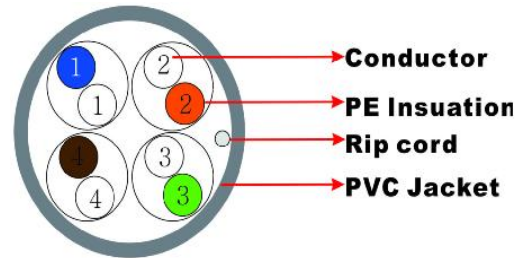
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# CAT5E UTP BC PVC



## PACKING

Inner box : OEM Pull out box  
Outer box : OEM Brown Carton



## PERFORMANCE

### Mechanical Properties

Bending Radius	≥ 4xOD(without load)
Temperature range	during operation : -40°C ~ 75°C
Reference Standard	during installation : 0°C ~ 60°C

### Electrical Properties

DC resistance	9.8ohm /100 m at 20 °C
Insulation Resistance	5000mΩ/km
Resistance unbalance	Max 5 % at 20 °C
Mutual capacitance	Max 5.6 nf / 100 m at 1kHz
NEXT	>35.3dB
PSNEXT	>33.0dB
ELFEXT	>23.8dB
PSELFEXT	>20.8dB
Characteristics impedance	(100±15) Ω at 1 ~ 100 Mhz
Nominal velocity of propagation	67%
Propagation delay	≤ 535 ns / 100 m
Delay skew	≤ 45ns / 100 m

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