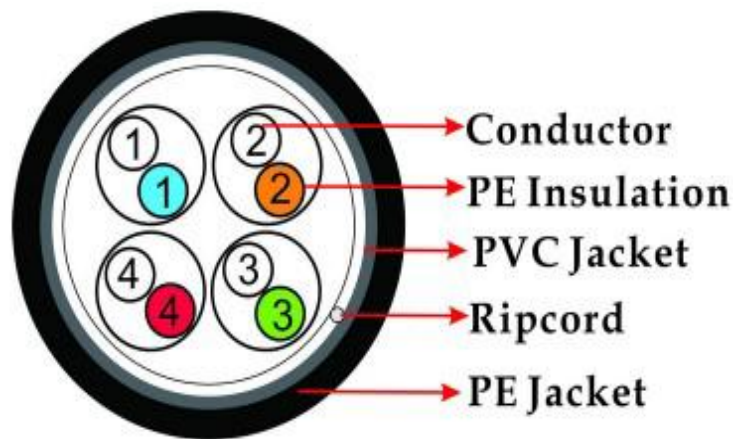


# CAT5E OUTDOOR UTP BC UV RATED



## DESCRIPTION

OUTDOOR CAT5E 4Pair UTP 24AWG  
Solid Bare Copper  
UV Rated PVC+LDPE 1000FT Jacket

## FEATURES

- High-Performance Data Cable
- Outdoor UV Rated Jacket CAT5E
- 24AWG Solid Bare Copper
- TIA/EIA-568B.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  
Outdoor Waterproof weather

## MODEL

No	Length	Color
111210	305M	Black
111211	500M	Black

## SPECIFICATION

### Technical Data

Rated Temperature	-40 - 75 C
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

### Conductor

Material	Bare Cu
AWG	Bare Copper (100% Copper) 24AWG
Conductor Diameter	4x2x0.49±0.01mm

### Insulation

Material	HDPE
AVG. Thickness	PE
Insulation Diameter	0.21 ± 0.01 mm 0.95 ± 0.01mm

### Jacket

AVG. Thickness	PVC+LDPE Jacket (UV)
Outer Diameter	0.61 mm 6.2 ± 0.1mm
Color	Black
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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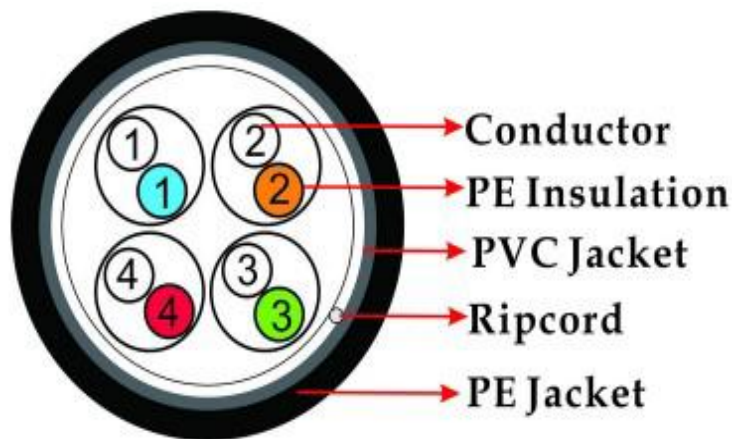
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# CAT5E OUTDOOR UTP BC UV RATED



## PACKING

Wooden Drum Pack  
Brown Outer Carton



## PERFORMANCE

### Mechanical Properties

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  $9.38 \Omega / 100 \text{ m}$  at  $20^{\circ}\text{C}$   
Insulation Resistance  $5000 \text{ m}\Omega/\text{km}$   
Resistance unbalance Max  $5 \%$  at  $20^{\circ}\text{C}$   
Mutual capacitance Max  $5.6 \text{ nf} / 100 \text{ m}$  at  $1 \text{ kHz}$   
Cap. unbalance to ground Max  $330 \text{ pf} / 100 \text{ m}$  at  $1 \text{ kHz}$   
Nominal velocity of  $67\%$   
Propagation delay  $\leq 535 \text{ ns} / 100 \text{ m}$   
Delay skew  $\leq 45 \text{ ns} / 100 \text{ m}$

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