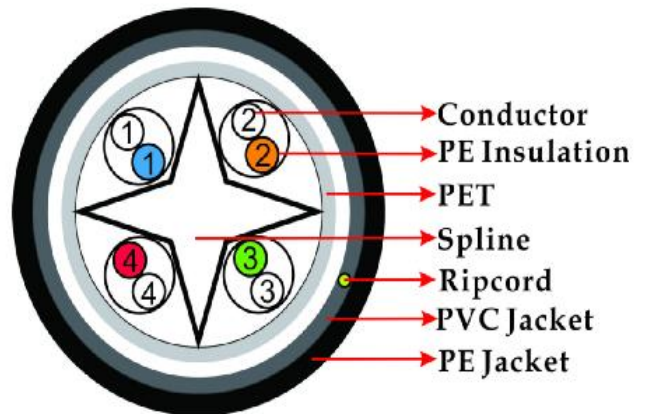


CAT6 OUTDOOR UTP DOUBLE JACKET



DESCRIPTION

CAT6 4Pair UTP 23AWG Solid Bare Copper
Outdoor Double Jacket Waterproof

FEATURES

- High-Performance Data Cable
- CAT6 Unshielded Twisted Pairs
- 23AWG Solid Solid Bare Copper
- Outdoor PVC+LDPE Jacket Waterproof

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
140401	305M	Black
140402	500M	Black

Shielded

AL Foil Shielded With Drain Wire
PE Tape (Mylar)

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	$4 \times 2 \times 1/0.54 \pm 0.01\text{mm}$

Insulation

AVG. Thickness	HDPE 0.21mm
Insulation Diameter	$0.92 \pm 0.01\text{mm}$

High twisted & Ripcord

Separator

Jacket

AVG. Thickness	Yes
Outer Diameter	PP
Color	PVC/LDPE (UV)
Marking	$0.6 \pm 0.1\text{mm}/0.68 \pm 0.1\text{mm}$ $6.5 \pm 0.1\text{mm}$ Black 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

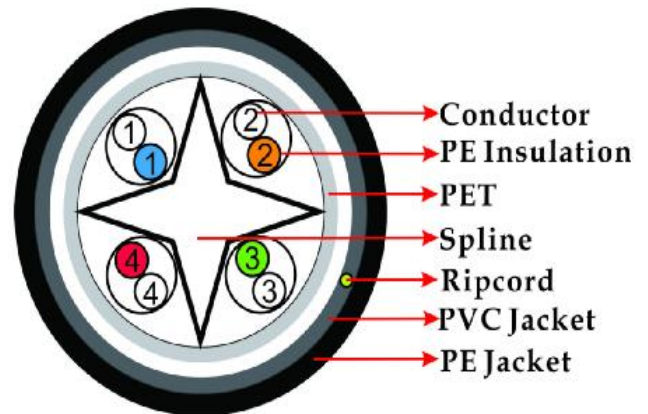
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CAT6 OUTDOOR UTP DOUBLE JACKET



PACKING

Wooden drum
Outer Brown Carton



PERFORMANCE

Mechanical Properties

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

Electrical Properties

Max. Con. DC resistance	98 ohms/km at 21 °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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