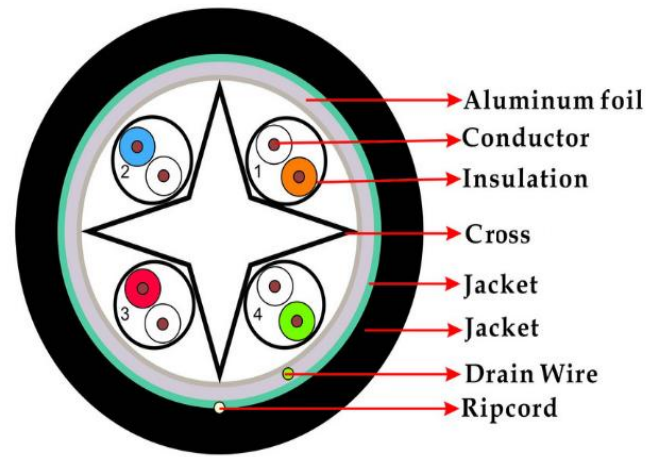


# CAT6 OUTDOOR FTP STRENGTHEN DOUBLE JACKET



## DESCRIPTION

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

## FEATURES

- High-Performance Data Cable
- CAT6 Shielded Twisted Pairs
- Al Foil, Mylar and drain wire Shielded
- 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)
Conductor Diameter	23AWG
	$4 \times 2 \times 1/0.54 \pm 0.01\text{mm}$

### Insulation

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

### High twisted & Ripcord

### Separator

### Jacket

AVG. Thickness	Yes
Outer Diameter	PP
Color	PVC/LDPE (UV)
Marking	0.6 ± 0.1mm/0.68 ± 0.1mm
	7.0 ± 0.1mm
	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

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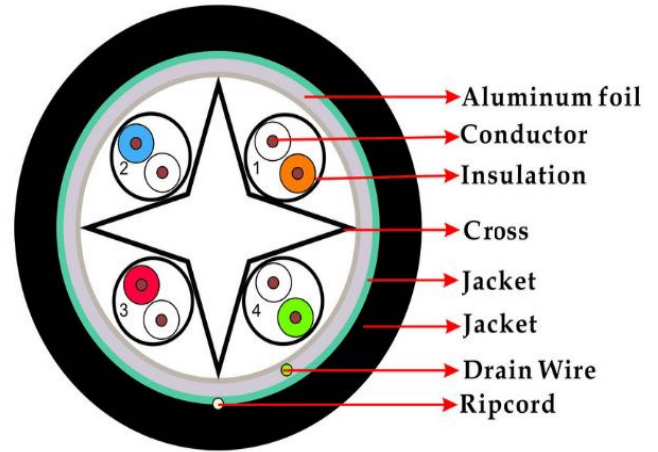
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# CAT6 OUTDOOR FTP STRENGTHEN DOUBLE JACKET



## PACKING

Wooden drum  
Outer Brown Carton



## PERFORMANCE

### Mechanical Properties

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

### Electrical Properties

Max. Con. DC resistance	98 ohms/km at $21^{\circ}\text{C}$
1.0 - 100 MHz Impedance	$100 \pm 15$ (Ohms)
100 - 250 MHz Impedance	$100 \pm 15$ (Ohms)
250 - 550 MHz Impedance	$100 \pm 35$ (Ohms)
1.0 - 250 MHz Delay Skew	$\leq 45$
Pair-to-ground Cap. Unbalance	$\leq 330$
Resistance Unbalance	$\leq 5\%$

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