

LY-UTP6C-EXT (PFT)

Outdoor Data Cable Cat 6

DESCRIPTION

UTP CAT6 4 Pair 23AWG Solid Bare Copper
Outdoor Jacket UV Rated Waterproof.

FEATURES

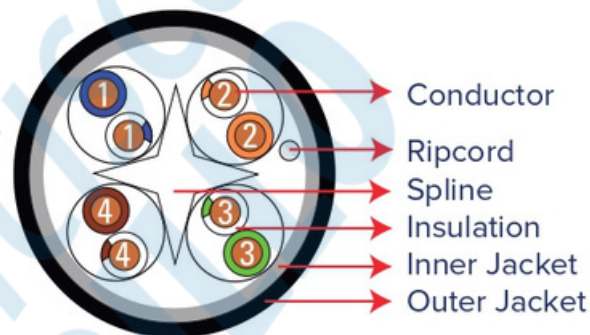
- High-Performance Data Cable
- CAT6 Unshielded Twisted Pairs
- Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper
- Outdoor UV Rated Jacket Waterproof

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

SPECIFICATION

Technical Data	
Rated Temperature	70 °C
Rated Voltage	30V
Reference Standard	TIA/EIA-568B.2, ISO/IEC 11801
Conductor	Solid Bare Copper
Material	Bare Copper (100% copper)
AWG	23AWG
Conductor Diameter	4x2x1/0.56±0.01mm
Insulation	HDPE
AVG. Thickness	0.21mm
Insulation Diameter	0.98±0.01mm



High twisted & Ripcord	Yes
Separator	PP
Jacket	LDPE+PVC (UV) Double jacket
AVG. Thickness	0.6±0.01mm
Outer Diameter	6.5±0.01mm
Color	Black
Marking	Detail on the jacket

PERFORMANCE

Mechanical Properties	
PVC Tensile Strength (Mpa)	≥13.8
Bending Radius	≥4xOD(without load)
Temperature range	During operation: -40°C~75°C
Electrical Properties	
Max. Con. DC resistance	7.2 Ω /100 m 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	≤ 5%