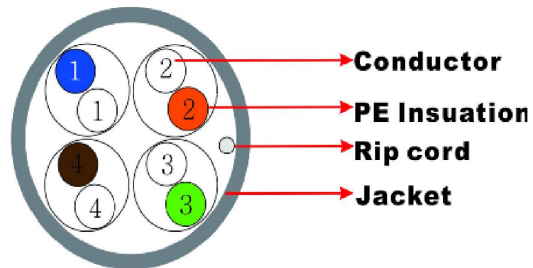


CAT5E UTP CABLE PURE COPPER LSZH



DESCRIPTION

CAT5E 4-Pair UTP 24AWG Solid Copper
LSZH Jacket 305m Pull Box

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 9.8 Ω / 100m
Rated Voltage	30V
Reference Standard	EIA/TIA 568 & ISO/IEC 11801

Conductor

Material	Solid Cu Bare Copper
AWG	24AWG
Conductor Diameter	4×2×1/0.52±0.01mm

Insulation

Material	HDPE PE
AVG. Thickness	0.21 ± 0.01 mm
Insulation Diameter	0.92 ± 0.01mm

High twisted & Ripcord

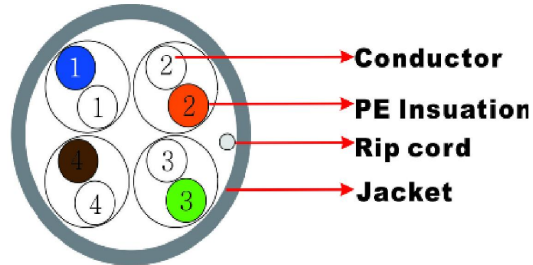
Jacket

AVG. Thickness	Yes LSZH 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

CAT5E UTP CABLE PURE COPPER LSZH



PACKING

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



PERFORMANCE

Mechanical Properties

Bending Radius	$\geq 4 \times OD$ (without load)
Temperature range	during operation : $-40^{\circ}\text{C} \sim 75^{\circ}\text{C}$
Reference Standard	during installation : $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

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
Cap. unbalance to ground	Max 330 pf / 100 m at 1kHz
Characteristics impedance	$(100 \pm 15) \Omega$ at 1 ~ 100 Mhz
Nominal velocity of propagation	67%
Propagation delay	≤ 535 ns / 100 m
Delay skew	≤ 45 ns / 100 m