

KLS number: UTP-CAT5E-4x2x7/0.2mm/CU

Name: Category 5E (cat 5e) cable



Mechanical Characteristics:

Specification: Complies with FCC Part 68 Section F and IEC-60603-7 standards.

Number of wire pairs: 4 pairs with color code, with padding and PVC sheath.

Order: Connection order T568A/B.

Durability: can be plugged and unplugged more than 1000 times.

RJ45 plug: Polycarbonate, FCC Part 68 Section F UL 94V-0.

Contact material: phosphor bronze, 50um gold plating and 100um nickel plating.

Dielectric strength: 100V (effective value) at 60Hz for 1 minute.

Rated voltage: maximum AC 150V.

Rated current: 1.5A Max

Insulation layer: minimum 1MΩ

Contact resistance: Max. 10MΩ

Physical specification:

Rated temperature: 75℃

Application: Horizontal cabling in LAN

Correspondence standard: UL444, ANSI/EIA-5688 and ISO/IEC 11801

Structure:

Conductor: solid bare copper wire

AWG:24

Diameter of wire(mm): 0.51

Insulating layer: polyethylene

Average thickness(mm): 0.19

Sheath: PVC

Average thickness(± 0.05 mm): 0.50

Outer diameter(± 0.2 mm): 4.9

1.0-100.0MHz input impedance (ohms): 100 ± 6

1.0-250MHz delay deviation (ns/100m): ≤ 45

Line-to-ground capacitance unbalance (pF/100m): ≤ 330

Maximum DC resistance of wire at 20℃ (ohms /km): 93.8

Resistance unbalance (%): ≤ 5