

Category5e UTP Solid Jumper Cable

Specification

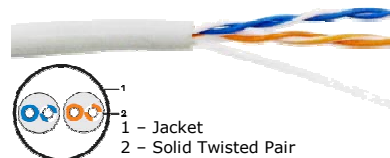
Meets ANSI/EIA/TIA 568-B.2 requirements
 Meets general purpose cable UL-1581 CM rating

Description

Unshielded Copper cable, 2 pairs, category 5, solid
 Cable is used for indoor installation

Material

Conductive material: wire made of soft annealed electrolytic copper
 Conductor insulation: HDPE
 The cable jacket: PVC (polyvinyl chloride)



Technical Characteristic

Conductor diameter: 0.51 mm (0.02") (24 AWG)
 Insulated conductor diameter: 0.92 ± 0.2 mm ($0.036" \pm 0.008"$)
 Outer cable diameter: 4.6 ± 0.2 mm ($0.18" \pm 0.008"$)
 Jacket thickness: 0.4 mm (0.0157")
 Minimum bend radius: $4 \times \varnothing$
 Conductor elongation: 14% minimum
 Rip cord has a breaking strength of 10 kg (98 N)

Installation temperature: $-5^{\circ}\text{C} - +40^{\circ}\text{C}$ ($+23^{\circ}\text{F} - +104^{\circ}\text{F}$)
 Operating temperature: $-20^{\circ}\text{C} - +75^{\circ}\text{C}$ ($-4^{\circ}\text{F} - +167^{\circ}\text{F}$)
 Weight: 1 Pair 100 ft (30.48 m) — 0.5 kg (1.10 lbs) /
 2 Pair 1000 ft (304.8 m) — 5.5 kg (12.12 lbs)
 Std pack: 1 Pair—30.48m, 100m, 200m (100 ft, 328.1 ft, 656.2 ft),
 2 Pair—304.8 m (1000 ft)

Conductor resistance at 20°C (68°F)	9.38Ω/100m (2.9Ω/100ft)
DC Resistance Unbalance	5%
Pair-to-Ground Capacitance Unbalance	330pF/100m (101pF/100ft)
Impedance 0.772-100 MHz	85Ω-115Ω
Mutual Capacitance	5.6nF/m (1.7nF/ft)
Spark Test	2.5kV

Ordering Information

HJ5ES-**1** i-Net Networks Jumper Cable Category5e UTP Solid 24AWG 1 Pair (w/o Jacket)

1 **1**—1 Pair (w/o Jacket), **2**—2 Pair Milky Gray