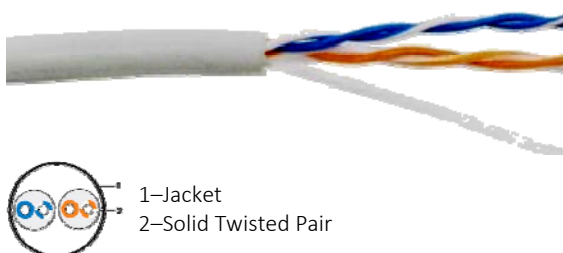


i-Net Networks Category5e Unshielded Solid Jumper Wire & Cable

Jumper Wire



Jumper Cable



Compliance

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

Highlights

Unshielded Copper, 1 and 2 pairs, category 5, solid
Cable is used for indoor installation

Material

Conductive material: Soft annealed electrolytic copper
Conductor insulation: HDPE
The cable jacket: PVC (polyvinyl chloride)

Physical

Conductor diameter: 0.51 mm (0.02") (24 AWG)

Insulated conductor diameter: 0.92 ± 0.2 mm (0.036 ± 0.008 ")

Outer cable diameter: 4.6 ± 0.2 mm (0.18 ± 0.008 ")

Jacket thickness: 0.4 mm (0.0157")

Minimum bend radius: $4 \times \varnothing$

Conductor elongation: 14% minimum

Rip cord breaking strength: 10 kg (98 N)

Installation temperature: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ ($+23^{\circ}\text{F} \sim +104^{\circ}\text{F}$)

Operating temperature: $-20^{\circ}\text{C} \sim +75^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim +167^{\circ}\text{F}$)

Weight & Standard pack:

1 Pair 100m - 0.85 kg

2 Pair 100m - 1.80 kg

Technical

Conductor resistance at 20°C (68°F)

9.38 Ω /100m (2.9 Ω /100ft)

DC Resistance Unbalance

5%

Pair-to-Ground Capacitance Unbalance

330pF/100m (101pF/100ft)

Impedance 0.772-100 MHz

85 Ω -115 Ω

Mutual Capacitance

5.6nF/m (1.7nF/ft)

Spark Test

2.5kV

Ordering

HJ5ES-1

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

1

1-1 Pair Jumper Wire (w/o Jacket), 2-2 Pair Jumper Cable Milky Gray