

Indoor Installation Cable

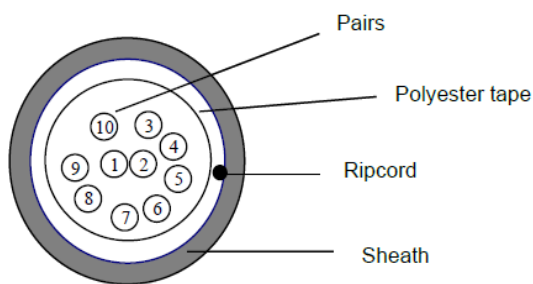
TE-10P-IN - Telephone Cable - 10 pair - Indoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 10 pairs, polyester tape wrapping, PVC jacket

Design

Structure:



2+8

Conductor	: 0.50 mm Solid-bare copper wire (24AWG)				
Insulation	: HDPE OD:0.87mm (nom.)				
Twisting	: 2 wires twisted				
Color	: 1. White-blue	: 2. White-Orange	: 3. White-Green	: 4. White-brown	: 5. White-grey
	: 6. Red-blue	: 7. Red-orange	: 8. Red-green	: 9. Red-brown	: 10. Red-grey
Cabling	: 10P, 2+8				
Jacket	: PVC				
	Nom. Thickness: 0.70mm				
	Nom. OD: 7.4mm				

Electrical Characteristics (20 °C)

Conductor DC resistance	: $\leq 98 \text{ohm/km}$
Imbalance of Direct Current Resistance to pair	: $\leq 5.0\%$
Insulation resistance of each single insulated conductor to other conductors shield DC 500V	: $> 3000 \text{M}\Omega \cdot \text{km}$
Working Capacitance (800Hz/1KHz)	: $\leq 66 \text{nF/km}$
Pair to pair capacitance unbalance (800Hz/1KHz)	: $\leq 250 \text{pF/km}$
Electrical Strength DC	
Sustainable Time	: 1min
Between conductor and conductor	: 1KV
Between conductor and shield	: 3KV

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Other Characteristics

Before Aging:

Tensile Strength (Mpa) : ≥ 13.5

Elongation (%) : ≥ 150

Aging Period ($^{\circ}\text{C}\times\text{hrs}$) : $100^{\circ}\text{C}\times 24\text{h}\times 7\text{d}$ (Retention rate)

Tensile Strength (Mpa) : ≥ 12.5

Elongation (%) : ≥ 12.5

This cable meets RoHS requirements