

Indoor Installation Cable

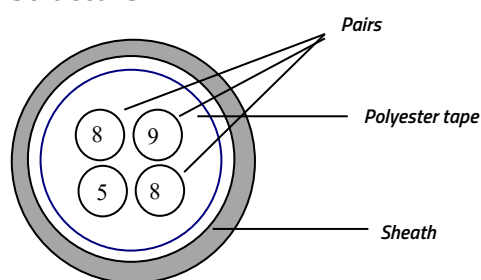
TE-30P-IN - Telephone Cable - 30 pair - Indoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 30 pairs, polyester tape wrapping, PVC jacket

Design

Structure:



$(8+9+8)+5$

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
11. Black-blue 12. Black-Orange 13. Black-Green 14. Black-brown 15. Black-grey
16. Yellow-blue 17. Yellow-orange 18. Yellow-green 19. Yellow-brown 20. Yellow-grey

Cabling : 30P, $(8+9+8)+5$

Composition

wrapping : Wrapped with two polyester tape

Jacket : PVC
Nom. Thickness: 0.80mm
Nom. OD: 11.5mm

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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

Other Characteristics

Before Aging:

Tensile Strength (Mpa)	: ≥ 13.5
Elongation (%)	: ≥ 150

Aging Period (°C×hrs) : 100°C×24h×7d (Retention rate)

Tensile Strength (Mpa)	: ≥ 12.5
Elongation (%)	: ≥ 12.5

This cable meets RoHS requirements