

Indoor Installation Cable

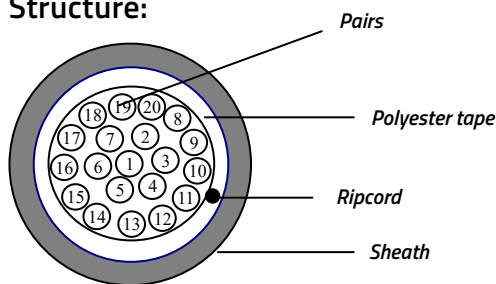
TE-20P-IN - Telephone Cable - 20 pair - Indoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 20 pairs, polyester tape wrapping, PVC jacket

Design

Structure:



1+6+13

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 : 20P, 1+6+13

Jacket : PVC
Nom. Thickness: 0.80mm
Nom. OD: 9.5mm

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

Indoor Installation Cable

TE-20P-IN - Telephone Cable - 20 pair - Indoor

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