

Indoor Installation Cable

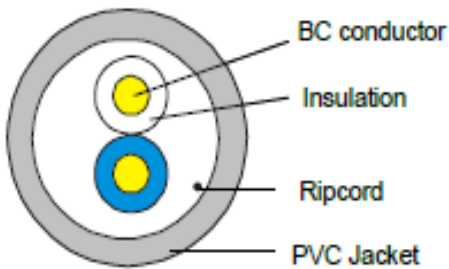
TE-1P-IN - Telephone Cable - 1 pair - Indoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 1 pair, PVC jacket

Design

Structure:



Conductor	: 0.50 mm Solid-bare copper wire (24AWG)
Insulation	: HDPE OD:0.87mm (nom.)
Twisting	: 2 wires twisted
Color	: 1. White-blue/blue
Cabling	: 1P
Jacket	: PVC Nom. Thickness: 0.50mm Nom. OD: 3.2mm

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