

# Indoor Installation Cable

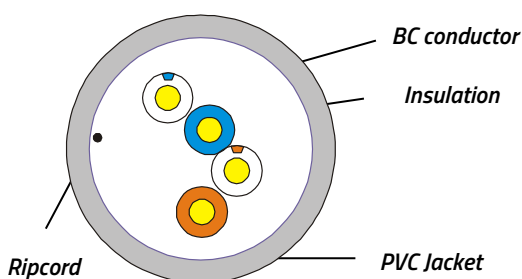
TE-2P-IN - Telephone Cable - 2 pair - Indoor

## Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 2 pairs, PVC jacket

## Design

### Structure:



<b>Conductor</b>	: 0.50 mm Solid-bare copper wire (24AWG)
<b>Insulation</b>	: HDPE OD:0.87mm (nom.)
<b>Twisting</b>	: 2 wires twisted
<b>Color</b>	: 1. White-blue/blue    2. White-Orange/Orange
<b>Cabling</b>	: 2P
<b>Jacket</b>	: PVC Nom. Thickness: 0.50mm Nom. OD: 4.2mm

## 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

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Before Aging:

Tensile Strength (Mpa) :  $\geq 13.5$

Elongation (%) :  $\geq 150$

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) :  $\geq 12.5$

Elongation (%) :  $\geq 12.5$

This cable meets RoHS requirements