

# Indoor Installation Cable

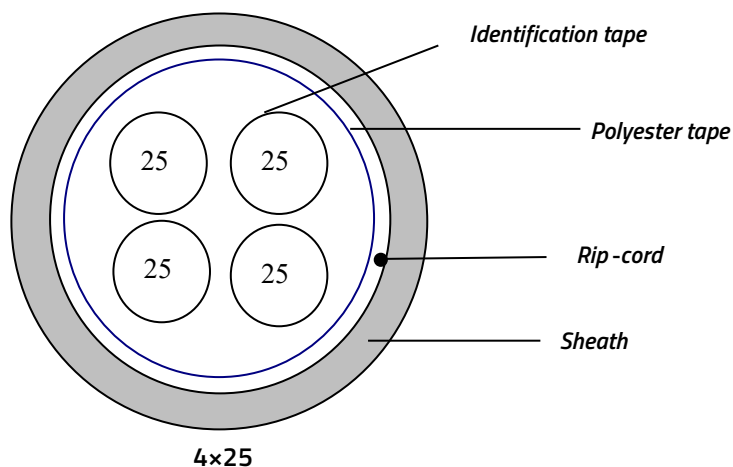
TE-100P-IN - Telephone Cable - 100 pair - Indoor

## Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 100 pairs, polyester tape wrapping, PVC jacket

## Design

### Structure:



**Conductor** : 0.500mm 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  
21.Purple-blue      22.Purple-Orange      23.Purple-Green      24.Purple-brown      25.Purple-grey

**Cabling** : 25 pairs of basic unit ,4\*25P

**Composition** : Each unit core Wrapped with single color ribbon  
Unit Number and Identification tape Color

Unit Number	Identification tape Color
1	White Blue
2	White Orange
3	White Green
4	White Brown

# Indoor Installation Cable

TE-50P-IN - Telephone Cable - 50 pair - Indoor

<b>Wrapping</b>	: Wrapped with two polyester tape
<b>Jacket</b>	: PVC Nom. Thickness: 1.2mm Nom. OD: 19.2mm

## Electrical Characteristics (20 °C)

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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

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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 (%)	: $\geq 125$

This cable meets RoHS requirements