

Outdoor Jelly Filled Multi Pair Cable

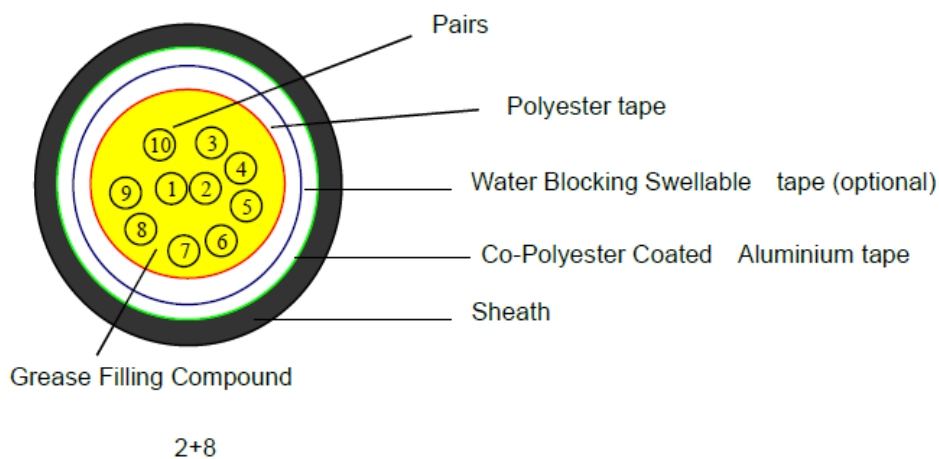
TE-10P-OUT-J - Telephone Cable - 10pair - Outdoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 10 pairs, APL,non- corrugated Aluminium tape Moistureproof belt, Core waterblocking Grease Filling, Wrapped with one polyester tape and one Water Blocking Swellable tape, LDPE jacket

Design

Structure:



Conductor	: 0.50 mm Solid-bare copper wire (24AWG)
Insulation	: HDPE OD:1.05mm (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
Cabling	: 10P, 2+8
Filling	: Core waterblocking Grease
Wrapping	: Wrapped with one polyester tape and one Water Blocking Swellable tape
Moistureproof belt	: Total thickness of 0.25mm APL,non-corrugated Aluminium tape
Jacket	: LDPE Color: Black Nom. Thickness: 1.4mm Nom. OD: 11.6mm

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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)	: 10 pairs $\leq 58 \text{nF/km}$
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)	: ≥ 10.0
Elongation (%)	: ≥ 350

Aging Period ($^{\circ}\text{C} \times \text{hrs}$) : $100^{\circ}\text{C} \times 24 \text{h} \times 7 \text{d}$ (Retention rate)

After Aging: Elongation (%) : ≥ 300

This cable meets RoHS requirements