Outdoor Jelly Filled Multi Pair Cable

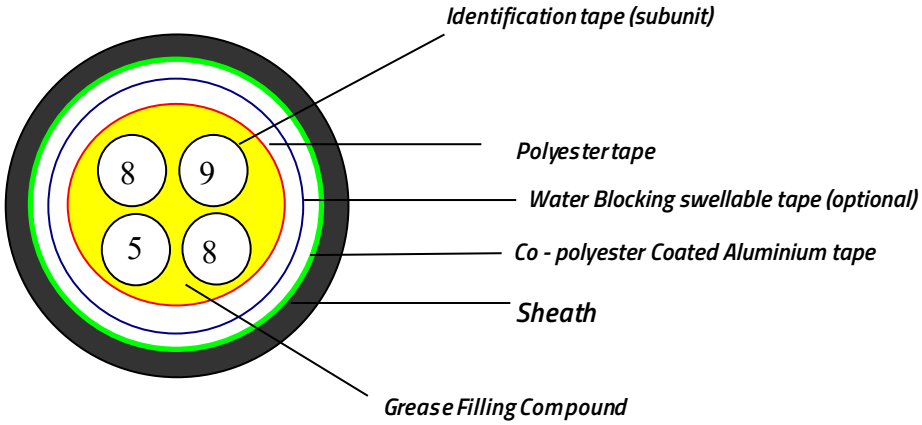
TE-30P-OUT-J - Telephone Cable - 30pair - Outdoor

Description

24AWG Solid-Bare Copper conductor, HDPE insulation, 30pairs, 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:



(8+9+8)+5

Conductor : 0.500mm 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
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 : 30P, (8+9+8)+5

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

Unit Number	Identification tape Color
8	White Blue
9	White Blue
8	White Blue
5	White Orange

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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: 15.2mm

Electrical Characteristics (20 ^{0}C)

Conductor DC resistance	:	≤98ohm/km
Imbalance of Direct Current Resistance to pair	:	≤5.0%
Insulation resistance of each single insulated conductor to other conductors shield DC 500V	:	>3000MΩ.km
Working Capacitance（800Hz/1KHz）	:	10 pairs ≤58nF/km 10 pairs ≤57nF/km
Pair to pair capacitance unbalance (800Hz/1KHz)	:	≤250pF/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 (^{0}C×hrs)	:	100^{0}C×24h×7d (Retention rate)
After Aging: Elongation (%)	:	≥300

This cable meets RoHS requirements