

# Multi-pair Cable Outdoor Underground Armour Jelly Filled

Telephone cable - 30 pair - Outdoor Jelly Filled

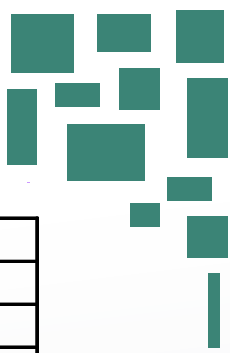
Conductor	Solid Annealed Copper
Insulation	Solid Insulation,HDPE Material
Paired	2 Wires Twist
Elementary unit,chromato gram,and Structure	25 Paire Elementary Unite
Compose Of Cable Core	Every Elementary Unit Bundle With Double Color Tape
Fill Style	Water Proof Jelly Filling
Cable Core Bundle Method	Polyester coated aluminum tape(PAP)Longitudinally Wapped
Inner Sheathed	Black Color Low Density PE
Armoured	Polyester coated aluminum tape(PAP)
Outer Jacket	Black Color Low Density PE
Print On Cable	According to Customer Request
Packing Request	Iron Spool, Rolls or Wooden Spool,

## Core Structure and Jacket Thickness

Diameter	Pairs	Cable Structure
0.5±0.01 mm	30	(8+9+8)+5
	50	(12+13)*2
	100	25*4

## Insulation Chromato Gram

Serial NO.	Insulation Chromato Gram	Serial NO.	Insulation Chromato Gram
1	White/Blue	14	Black/Brown
2	White/Orange	15	Black/Gray
3	White/Green	16	Yellow/Blue
4	White/Brown	17	Yellow/Orange
5	White/Gray	18	Yellow/Green
6	Red/Blue	19	Yellow/Brown
7	Red/Orange	20	Yellow/Gray
8	Red/Green	21	Violet/Blue
9	Red/Brown	22	Violet/Orange
10	Red/Gray	23	Violet/Green
11	Black/Blue	24	Violet/Brown
12	Black/Orange	25	Violet/Gray
13	Black/Green		



## Electronic Requirement

ITEM		REQUIRMENT
		0.50 mm
Single Wire DC (Maximum)	ohm/Km	97
DC Resistance Unbalance	Maximum %	5.0
Single Wire Pair to Other Shield Wire Paire Insulation Resistance DC 500V (M ? ohm/Km)		>3000
Equivalent Capacitance (Working Capacitance):(800Hz/km) nF/km Maximum	10Pair	≤ 58
Capacity Unbalance Between Pairs (800Hz/300m) pF/km		≤ 250
Electrical Strength,DC		
Action Time		1 min
Between Conductor and Conductor		1 KV
Between Conductor and Shield		3KV

## Structure Details

Part Number		30P Underground Armour Jelly Filled Telephone Cable
Conductor	Diameter(mm)	0.5±0.01 ( 24AWG)
	Material	Bare Copper
	Type	Solid
Dielectric (Insulation)	Diameter(mm)	0.9±0.01
	Material	Solid PE
Twist		40-100mm
Core Wrapping	Material	Waterproof Jelly+Plastic tape wrap
	Diameter(mm)	9.5
shield	Material	Polyester coated aluminum tape(PAP)
	Thickness(mm)	0.25
Jacket (sheath)	Thickness(mm)	1.0±0.05
	Material	LDPE
	Diameter(mm)	12.5±0.5
Armor	Material	Aluminium tape
	Thickness(mm)	0.25
Jacket(sheath)	Diameter(mm)	16.0±0.5
	Thickness(mm)	1.4±0.1
	Material	LDPE
Resistance(ohms/km )		≤ 93
Number of Pairs		30
Weight (kgs/km)		330
Impedance (ohms )		100
Operating Temperature Range(°C)		- 40 to 60

## Structure Drawing

