

Outdoor Jelly Filled Category 3 Telephone Cable

Outdoor jelly filled telephone cables are primarily designed for the interconnection of telephone equipment which is installed in outdoor ducts.

In addition these cables may be used for the interconnection of other communication and control equipment or low level signaling applications.

The cores are bedded in petroleum jelly to protect against the ingress of moisture.



Specification

Meets and exceeds EIA/TIA 568-B-2 and ISO/IEC 11801 for category 3 requirements.

Applications

Outdoor multi-pair category 3 UTP cables are intended for voice applications.

Materials

- ❖ Conductive Material: Solid Copper
- ❖ Conductor Insulation: PE
- ❖ Filler: Petroleum Jelly
- ❖ Separator: Polyester tape
- ❖ Outer Cable Jacket: PE

Technical Characteristics

Conductor diameter: 24 AWG

Insulated conductor diameter: 0.90 mm nominal

Outer cable diameter: 25 Pair - 13.00 mm
50 Pair - 15.00 mm
100 Pair - 21.00 mm

Jacket thickness: 25 Pair - 1.20 mm
50 Pair - 1.40 mm
100 Pair - 1.60 mm

PRENET STRUCTURED CABLING SOLUTIONS



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Electrical Characteristics

Frequency, MHz	RL	Attenuation, dB	NEXT, dB
1.0	12	2.60	41.30
4.0	12	5.60	32.30
8.0	12	8.50	27.80
10.0	12	9.70	26.30
16.0	9.96	13.10	23.20

DC Resistance	Max 9.38 Ohm/100 m
DC Resistance Unbalance	Max 5%
Mutual Capacitance	Max 5.6 nF/100m
Capacitance Unbalance Pair	Max 330pF/100m
Impedance 1~16MHz	100 ±15 Ω

Pair Identification - Color Code Table

Cable Element	A	B	Cable Element	A	B
Pair 1	White/Blue	Blue	Pair 13	Black/Green	Green
Pair 2	White/Orange	Orange	Pair 14	Black/Brown	Brown
Pair 3	White/Green	Green	Pair 15	Black/Grey	Grey
Pair 4	White/Brown	Brown	Pair 16	Yellow/Blue	Blue
Pair 5	White/Grey	Grey	Pair 17	Yellow/Orange	Orange
Pair 6	Red/Blue	Blue	Pair 18	Yellow/Green	Green
Pair 7	Red/Orange	Orange	Pair 19	Yellow/Brown	Brown
Pair 8	Red/Green	Green	Pair 20	Yellow/Grey	Grey
Pair 9	Red/Brown	Brown	Pair 21	Violet/Blue	Blue
Pair 10	Red/Grey	Grey	Pair 22	Violet/Orange	Orange
Pair 11	Black/Blue	Blue	Pair 23	Violet/Green	Green
Pair 12	Black/Orange	Orange	Pair 24	Violet/Brown	Brown
			Pair 25	Violet/Grey	Grey

Tape Lapping Identification

1 Unit	Blue	5 Units	Grey	9 Units	Yellow
2 Units	Orange	6 Units	White	10 Units	Violet
3 Units	Green	7 Units	Red		
4 Units	Brown	8 Units	Black		

Ordering Information

SCS-UTP-XXX-C3-PE Outdoor Jelly Filled Category 3 Telephone Cable, PE

XXX – Quantity of Pairs : 25, 50, 100