

CAT 3 TELEPHONE CABLE 10P OUTDOOR JELLY FILLED

114-30210

Phone
+33 75 864 2169

Email
info@angnetworks.com

Log 202, 5rue Albert Thomas, 38100
Grenoble, France.



Overview

- Category: UTP CAT 3-10P-PE Cable
- Suitable for outdoor applications requiring CAT 3 telephone connections.

Industry Standard

- ISO/IEC 11801
- TIA-568-C.2
- YD/T1019

Applications

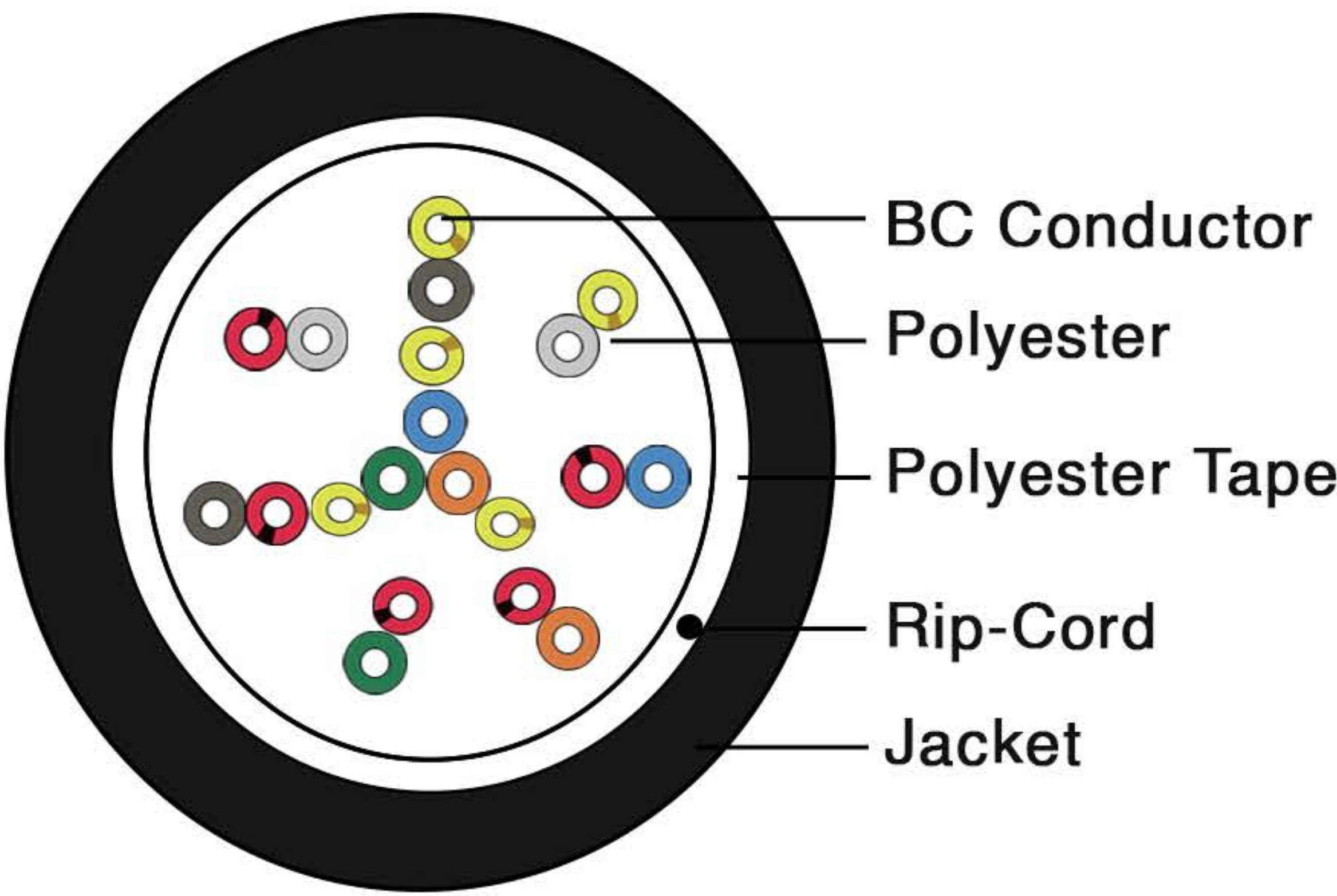
- Voice
- T1
- 4Mbps Token Ring (IEEE 802.5)
- 10 Base-T (IEEE 802.3)
- 52 Mbps ATM
- VG-Any LAN
- ISDN

Ordering Information

Part Number	Description
114-30210	CAT. 3 TELEPHONE CABLE 10 PAIR OUTDOOR JELLY FILLED 1M

General Information

- Conductor Material: Solid Bare Copper
- Conductor Nominal O.D: 0.500 mm (+0.005 mm, -0.005 mm)
- Insulation Material: HDPE
- Insulation Diameter: 1.07±0.05mm
- Insulation Color:
Blue/White-Blue, Orange/White-Orange, Green/White-Green
Brown/White-Brown, Gray/White-Gray, Blue/Red-Blue
Orange/Red-Orange, Green/Red-Green, Brown/Red-Brown
Gray/Red-Gray
- Sheath Thickness: 1.0±0.2 mm
- Sheath External O.D: 9.2 ±1.0 mm
- Sheath Material: LDPE(complies RoHS)
- Sheath Color: Black
- Surface Print Error and Space: ≤ ±0.5%, 1m
- Surface Printing Letter Height: 3.0 ± 0.3 mm
- Rip-Cord: Yes
- Drain Wire: No



Product Electrical Characteristics:

- 1.0-16.0MHz Delay Skew 20°C (ns/100m): ≤45
- 1.0-16.0MHz Characteristic impedance (Ω): 100±15
- DC Resistance 20°C(Ω/100m)max: 9.5
- DC conductor resistance unbalance (%) max: 5.0

Sheath Physical Properties:

- Before Aging Tensile Strength: ≥10.0 Mpa
Elongation: ≥350%
- After Aging Elongation: ≥300%
- Installation Temperature: 0°C to +50°C
- Operating Temperature: -20°C to +60°C

Technical Performance

Frequency (MHz)	RL (≥dB)	Attenuation (≤dB)	NEXT (≥dB)
1.0	12	2.6	41.3
4.0	12	5.6	32.3
8.0	12	8.5	27.8
10.0	12	9.7	26.3
16.0	9.5	13.1	23.3

Frequency (MHz)	PSNEXT (db) ≥	ELFEXT (dB) ≥	PSELFEXT (dB) ≥
1	41.3	39.0	39
4	32.3	26.9	26.9
8	27.8	20.9	20.9
10	26.3	19.0	19.0
16	23.3	14.9	14.9