



CAT 3 TELEPHONE CABLE 10P INDOOR

114-30110

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Overview

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

Industry Standard

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

Applications

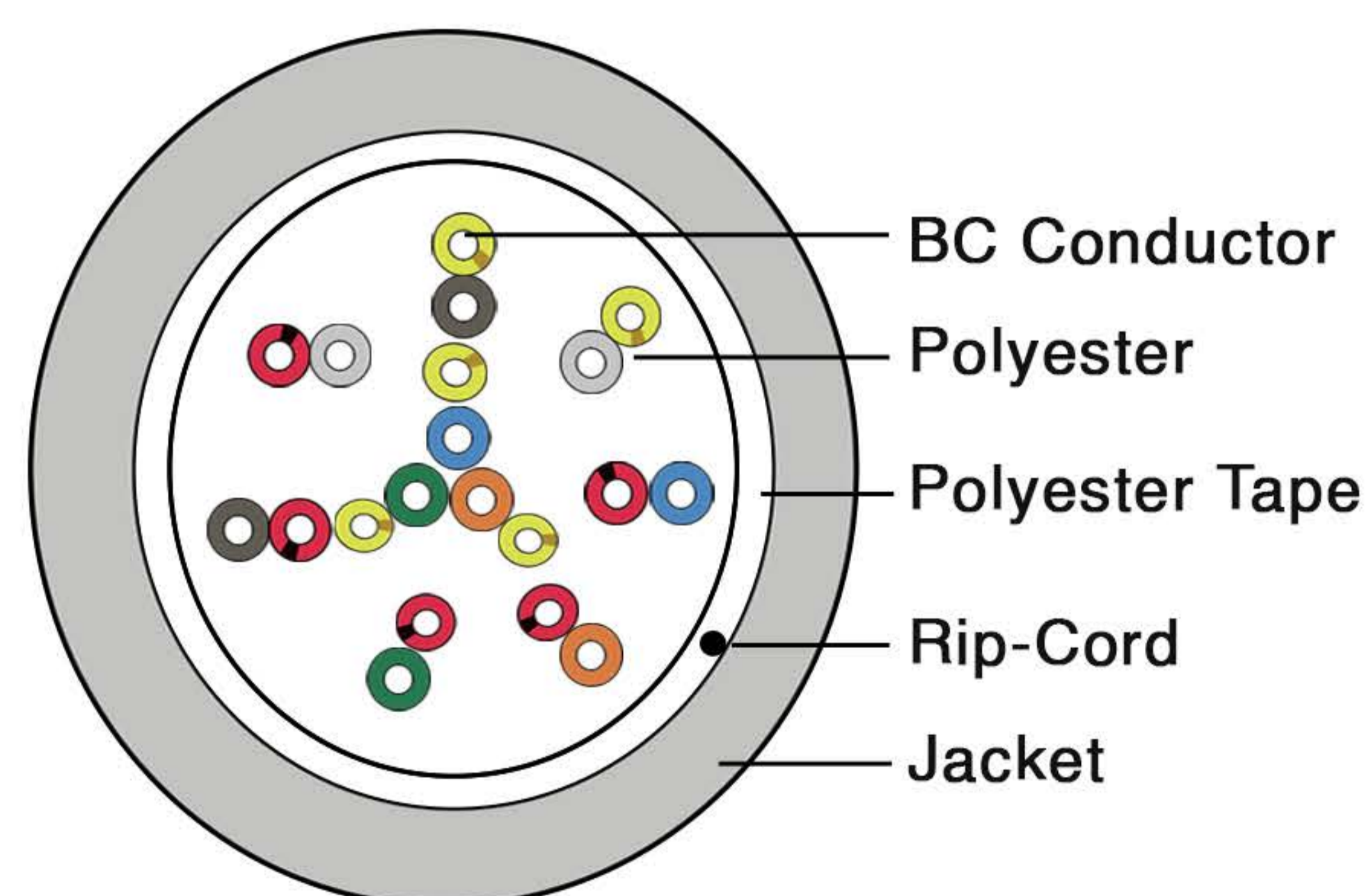
- Voice
- T1
- 4Mbps Token Ring (IEEE 802.5)
- 10 Base-T (IEEE 802.3)
- 52 Mbps ATM
- VG-Any LAN
- ISDN

Ordering Information

Part Number	Description
114-30110	CAT. 3 TELEPHONE CABLE 10 PAIR INDOOR 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: 8.5 ±1.0 mm
- Sheath Material: PVC (complies with RoHS)
- Sheath Color: White
- 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:

- Velocity of Propagation(NVP): 69%
- DC Resistance 20°C($\Omega/100m$)max: 9.5
- DC conductor resistance unbalance (%) max: 5.0

Sheath Physical Properties:

- Before Aging Tensile Strength: ≥ 13.5 Mpa
Elongation: $\geq 150\%$
- After Aging Tensile Strength: ≥ 12.5 Mpa
Elongation: $\geq 125\%$
- Installation Temperature: 0°C to +50°C
- Operating Temperature: -20°C to +60°C

Technical Performance

Frequency (MHz)	RL (\geq dB)	Attenuation (\leq dB)	NEXT (\geq dB)
1.0	14	3.0	38
4.0	14	5.0	30
8.0	12	7.5	25
10.0	12	8.5	24
16.0	10	10.8	21

Frequency (MHz)	PSNEXT (db) \geq	ELFEXT (dB) \geq	PSELFEXT (dB) \geq
1	34	40	38
4	25	33	30
8	20	27	24
10	19	26	23
16	17	24	20

HEADQUARTERS



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