



CAT 3 TELEPHONE CABLE 2P INDOOR

114-30102

Phone
+33 75 864 2169

Email
info@angnetworks.com

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



Overview

- Category: UTP CAT 3-2P-PVC
- Suitable for indoor applications requiring CAT 3 telephone connections.

Industry Standard

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

Applications

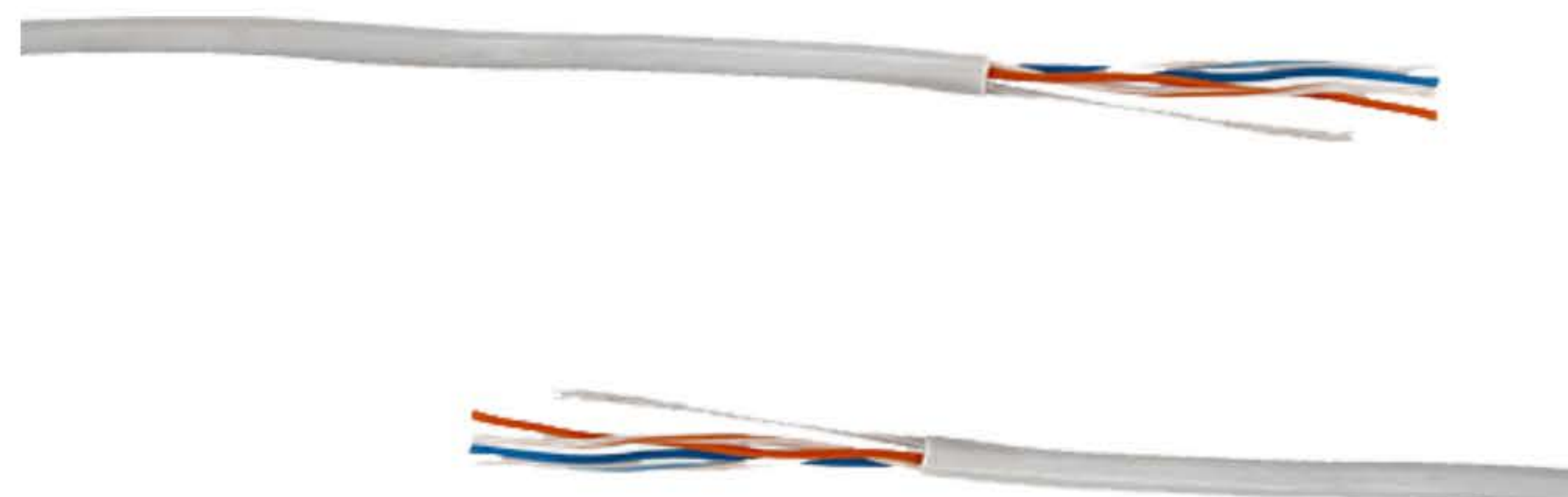
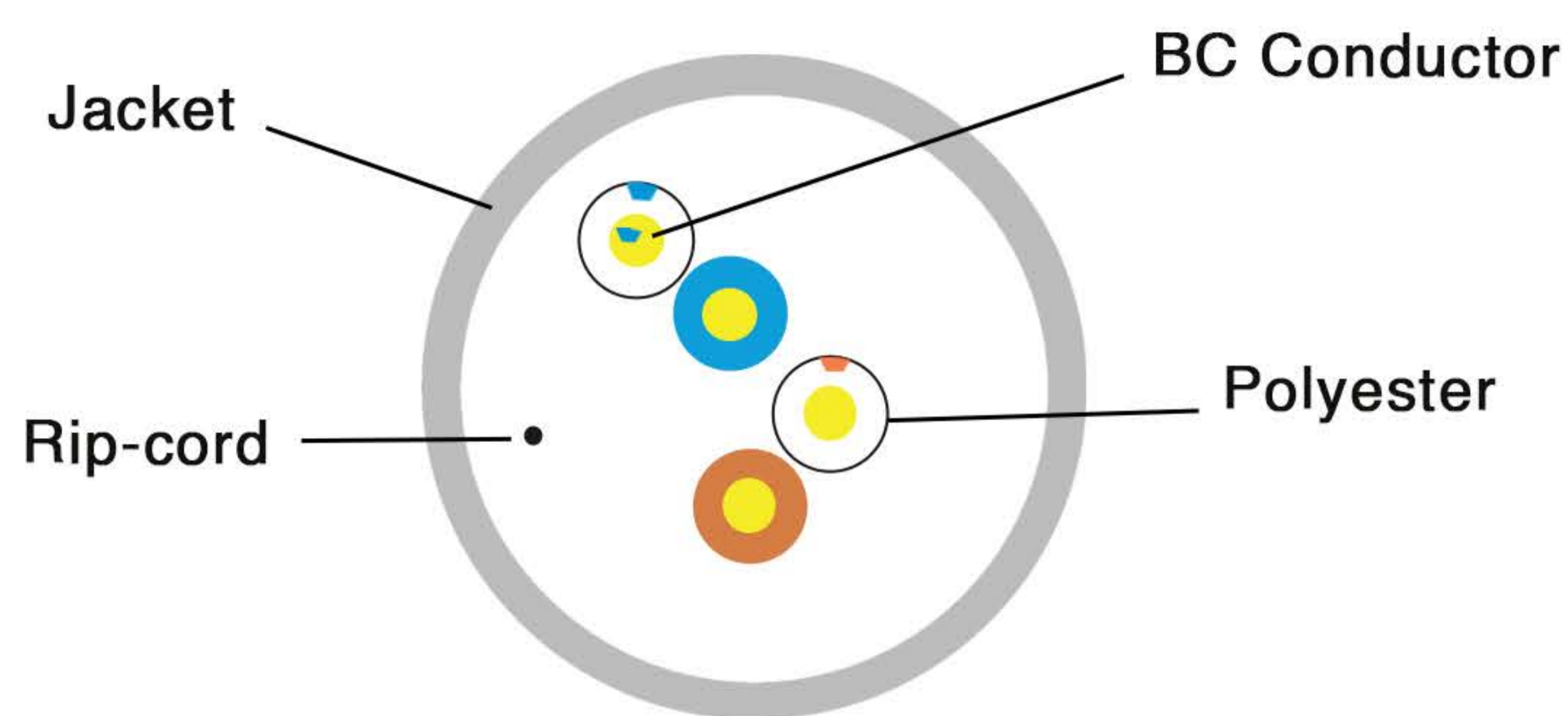
- Voice
- T1
- 4Mbps Token Ring (IEEE 802.5)
- 10 Base-T (IEEE 802.3)
- 52 Mbps ATM
- VG-Any LAN
- ISDN

Ordering Information

Part Number	Description
114-30102	CAT. 3 TELEPHONE CABLE 2 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: 0.88 ± 0.003 mm
- Insulation Color:
 1. Blue, White Blue,
 2. Orange, White Orange
- Sheath Thickness: 0.55 ± 0.05 mm
- Sheath External O.D.: 4.1 ± 0.4 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 TECHNICAL SPECIFICATION | CAT 3 TELEPHONE CABLE 2P INDOOR

Product Electrical Characteristics:

- 1.0-100.0MHz, Characteristic impedance (Ω): 100±15
- 1.0-100.0MHz, Delay shew 20°C(ns/100m): ≤45
- DC Resistance (20°C)(Ω /100m)max: ≤9.5

Sheath Physical Properties

- Before Aging Tensile Strength: ≥13.5 Mpa
Elongation: ≥150%
- After Aging Tensile Strength: ≥12.5 Mpa
Elongation: ≥125%
- 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	16	2.0	41
4.0	16	4.1	32
8.0	14	5.8	27
10.0	14	6.5	26
16.0	12	8.2	23

Frequency (MHz)	PSNEXT (db) ≥	ELFEXT (dB) ≥	PSELFEXT (dB) ≥
1	36	43	41
4	27	35	33
8	22	29	27
10	21	28	26
16	19	26	23

HEADQUARTERS



A&G Technologies CO., Limited,
Log 202, 5rue Albert Thomas, 38100
Grenoble, France.

+33 75 864 2169

REGIONAL OFFICE



A&G Technologies (HK) CO., Limited,
Room 803, Chevalier House, 45-51 Chatham Road
South, Tsim Sha Tsui, Kowloon, Hong Kong.

+852 5420 8788

CONNECT THE FUTURE



info@angnetworks.com



www.angnetworks.com

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