



CAT 3 TELEPHONE CABLE 50P OUTDOOR JELLY FILLED

114-30250

Phone
+33 75 864 2169

Email
info@angnetworks.com

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



Overview

- Category: UTP CAT 3-50P-PE Cable
- Suitable for outdoor applications requiring CAT 3 telephone connections.

Industry Standard

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

Applications

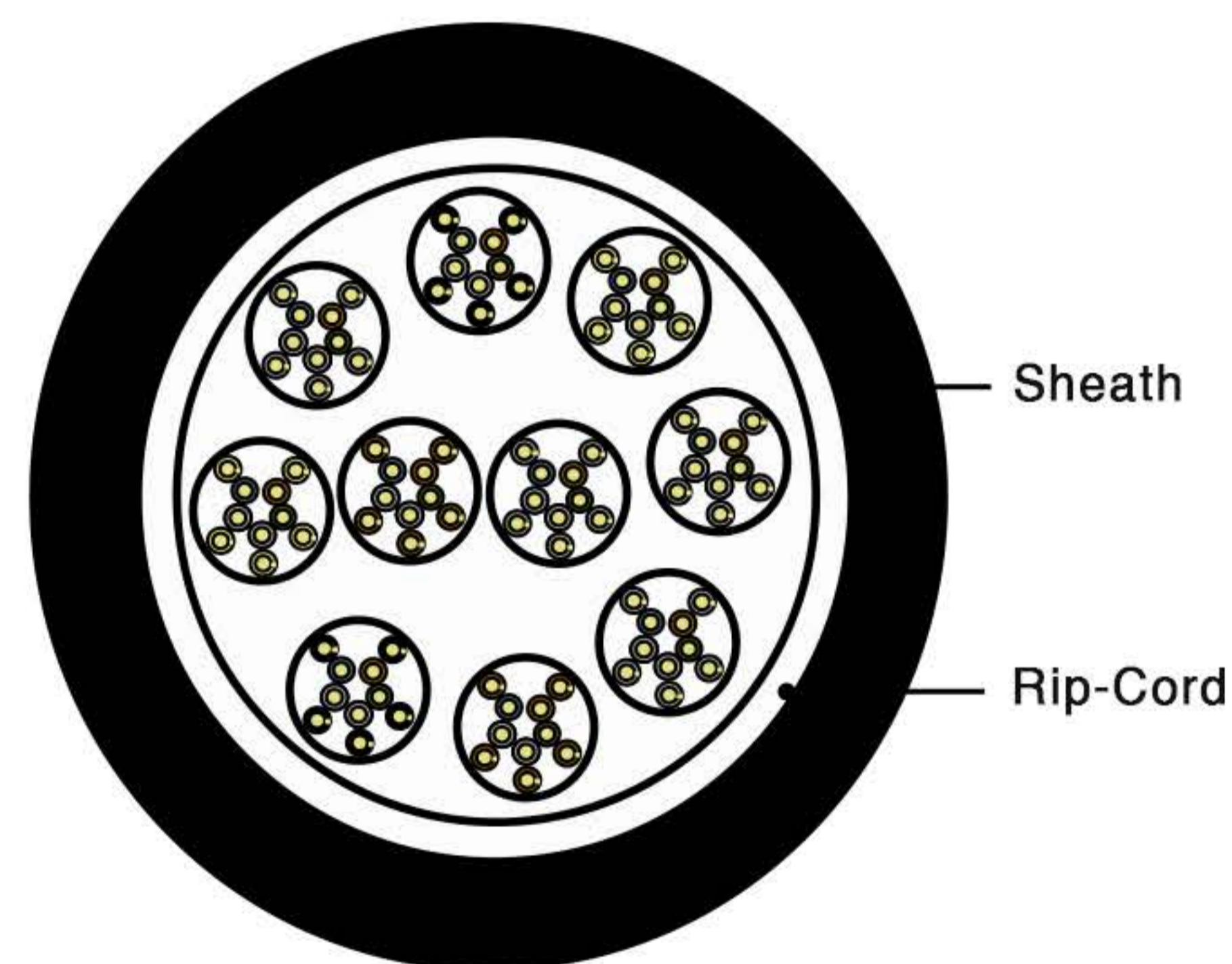
- Voice
- T1
- 4Mbps Token Ring (IEEE 802.5)
- 10 Base-T (IEEE 802.3)
- 52 Mbps ATM
- VG-Any LAN
- ISDN

Ordering Information

Part Number	Description
114-30250	CAT. 3 TELEPHONE CABLE 50 PAIR OUTDOOR JELLY FILLED 1M

General Information

- Conductor Material: Solid Bare Copper
- Conductor Nominal O.D.: 0.500 mm
- Conductor Material: HDPE
- Conductor Tolerance: UP +0.005 / DOWN -0.005
- Insulation Diameter: 1.07±0.05mm
- Insulation Color:
 1. Bl./ Wh.-Bl. Ora./Wh.-Ora. Gn./Wh.-Gn. Br./Wh.-Br. Gr./Wh.-Gr. Bl./ Re.-Bl. Ora./ Re.-Ora. Gn./ Re.-Gn. Br./ Re.-Br. Gr./ Re.-Gr. Bl./ Bla.-Bl. Ora./ Bla.-Ora. Gn./ Bla.-Gn. Br./ Bla.-Br. Gr./ Bla.-Gr. Bl./ Yel.-Bl. Ora./ Yel.-Ora. Gn./ Yel.-Gn. Br./ Yel.-Br. Gr./ Yel.-Gr. Bl./ Pur.-Bl. Ora./ Pur.-Ora. Gn./ Pur.-Gn. Br./ Pur.-Br. Gr./ Pur.-Gr.
- Sheath Thickness: 1.1±0.4 mm
- Sheath External O.D: 17.6 ±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	3.0	39.0
4.0	12	6.5	30.5
8.0	12	10.0	25.0
10.0	12	11.5	23.2
16.0	9.5	15.5	20.0

Frequency (MHz)	PSNEXT (db) ≥	ELFEXT (dB) ≥	PSELFEXT (dB) ≥
1	39.0	37.0	37.0
4	30.5	24.0	24.0
8	25.0	18.2	18.2
10	23.2	16.7	16.7
16	20.0	13.2	13.2

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

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info@angnetworks.com



www.angnetworks.com