



CAT 3 TELEPHONE CABLE 25P OUTDOOR JELLY FILLED

114-30225

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Overview

- Category: UTP CAT 3-25P-PE Cable
- Suitable for outdoor applications requiring CAT 3 telephone connections.

Industry Standard

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

Applications

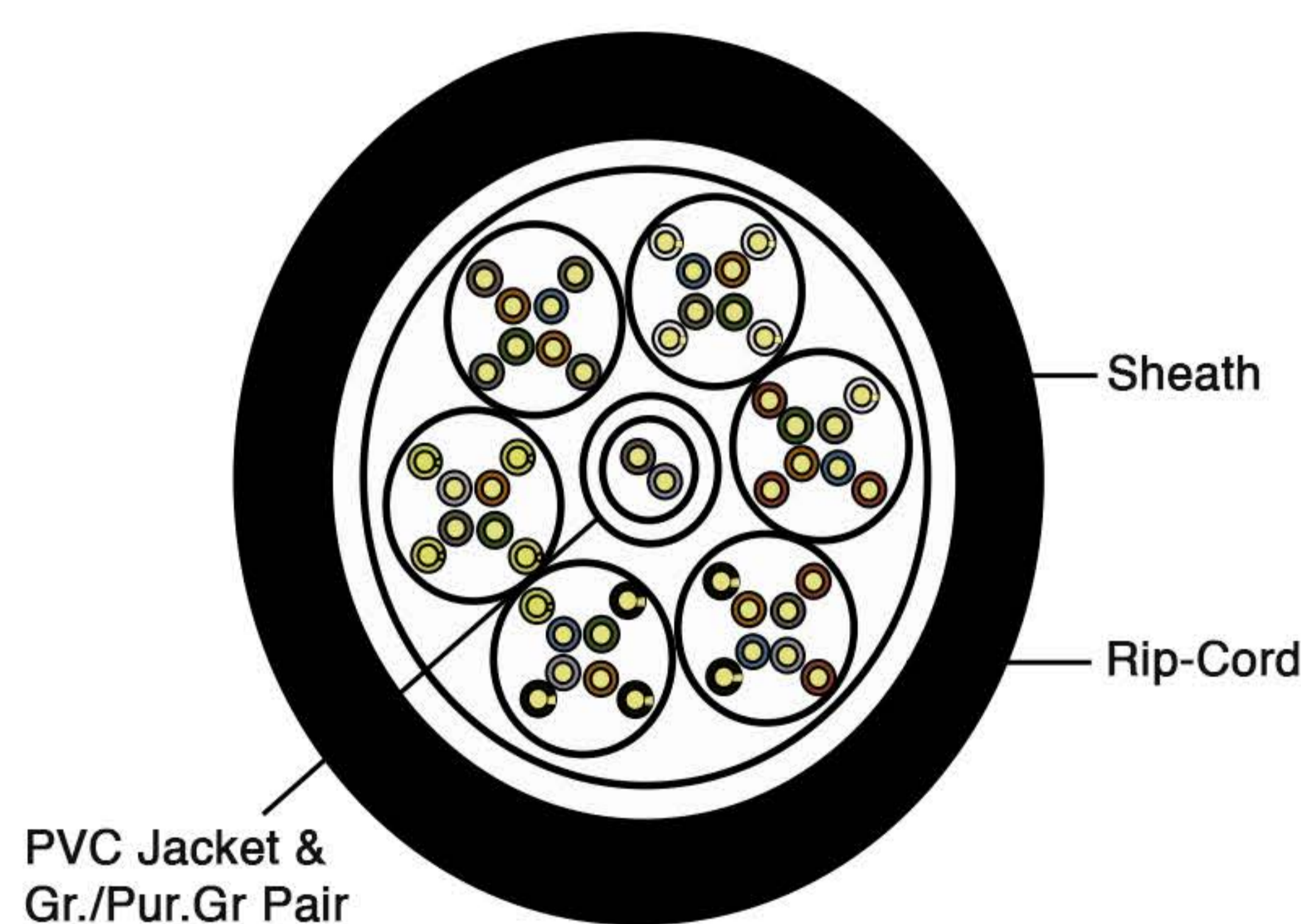
- Voice
- T1
- 4Mbps Token Ring (IEEE 802.5)
- 10 Base-T (IEEE 802.3)
- 52 Mbps ATM
- VG-Any LAN
- ISDN

Ordering Information

Part Number	Description
114-30225	CAT. 3 TELEPHONE CABLE 25 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: 12.8 ±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($\Omega/100m$)max: 9.5
- DC conductor resistance unbalance (%) max: 5.0

Sheath Physical Properties:

- Before Aging Tensile Strength: ≥ 10.0 Mpa
Elongation: $\geq 350\%$
- After Aging Elongation: $\geq 300\%$
- 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	12	2.8	40.5
4.0	12	6.0	31.8
8.0	12	9.2	26.5
10.0	12	10.6	24.7
16.0	9.5	14.2	21.5

Frequency (MHz)	PSNEXT (db) \geq	ELFEXT (dB) \geq	PSELFEXT (dB) \geq
1	40.5	38.5	38.5
4	31.8	25.5	25.5
8	26.5	19.8	19.8
10	24.7	18.1	18.1
16	21.5	14.5	14.5

HEADQUARTERS



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