



TINMAR INVER



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U/UTP CAT 5e DATASHEET

Description:

This Cat 5e unshielded twisted pair (UTP) cable, featuring solid copper conductors, is ideal for transmissions requiring a balance of quality and performance in 100 MHz networks.

CPR: Dca, -s2, d2, a1

Reference Number:

002-3005001 U/UTP Cat 5e

Standards and Compliance:

UNE EN 60228

ISO/IEC 61156-5

RoHS Compliant



PHYSICAL CHARACTERISTICS:

Conductor: Class 1 Solid Copper (IEC 60228)

- **Diameter:** 0.51 mm (AWG23)

Insulation: LSZH EVA Polyolefin

- **Color:** Blue, White; Brown, White; Green, White; Orange, White
- **Core Diameter:** 0.9 mm

Jacket: LSZH Polyolefin

- **Color:** Purple

Overall Diameter: 5 mm

Format: 305m Reel-in-Box

ELECTRICAL CHARACTERISTICS:

Capacitance: 65 pF/m

Characteristic Impedance: 100 Ω

Conductor Resistance: <9.3 Ω/Km

FREQUENCY	ATTENUATION	NEXT	FEXT	ACR/100 m:
10 Mhz	6.0 dB	56 dB	43.8 dB	50.3 dB
20 Mhz	8.5 dB	51 dB	37.8 dB	42.5 dB
62 Mhz	15.7 dB	44 dB	27.9 dB	28.3 dB
100 Mhz	19.8 dB	41 dB	23.8 dB	21.2 dB
125 Mhz	22.3 dB	40 dB	26 dB	17.7 dB

