MONOPRICE®

Cat5e *Plenum Solid*

Cat5e CMP-rated UTP, 24AWG
8C Solid Bare Copper, 350MHz,1000ft

Available Colors:
Packaging Style: Pull box, generic
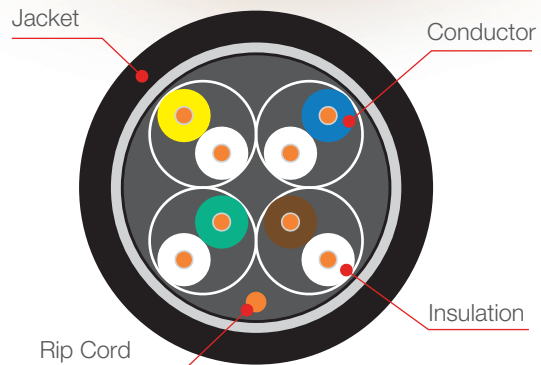
LIFETIME WARRANTY

Features:

- Made in Taiwan, TAA Compliant
- 24AWG Solid Bare Copper Conductors
- CMP Plenum Rated
- UTP- FCC, Unshielded Twisted Pair
- 350 MHz Broadband
- ETL verified, UL listed and ROHS2 Compliant
- Supports TIA/EIA 568-C specifications

Applications:

- 1000BASE - T Gigabit Ethernet
- 100BASE - T Fast Ethernet (IEEE 802.3)
- 10BASE - T Ethernet
- 100 VG - AnyLAN (IEEE802.12)
  155/622 Mbps ATM
- 350MHz Broadband Video
- Voice, T1, ISDN

Ratings/certifications:

- EIA-568-B, IEC 11801, UL 444, ETL VERIFIED
- ROHS2: W1403046 & W1412004
- TIA/EIA 568-C.2: ETL CoC# 3047355CRT-003
  & # 3047356CRT-003

Jacket

Conductor

Insulation

Rip Cord

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Technical data

Rated Temperature	60 or 75°C	Conductor	Bare Copper
Rated Voltage	300V	Insulation	FEP
AWG	24AWG	Thickness	0.13-0.21mm
Product Standard Certification	USL - Standard UL 444, CNL CSA C22.2 No. 214	Jacket Material	FEP Outer Diameter 4.9 Norminal

Electrical characteristics

CONDUCTOR RESISTANCE	9.38 Ohm Max @ 20°C
RESISTANCE UNBALANCE	≤ 2%
CAPACITANCE UNBALANCE	≤ 1600 pF/km
IMPEDANCE	100 ±15 ohm
ANSI/TIA 568-C.2	100 ±15 ohm
ISO/IEC 11801: 2002	100 ohm nominal
MAXIMUM (MEASURED) FREQUENCY	100MHz @ Cat 5e

Color of pairs

Pair 1	White/Blue, Blue	Pair 3	White/Orange, Orange
Pair 2	White/Green, Green	Pair 4	White/Brown, Brown

Standard compliances:

● All proposed Category 5E requirements as per ANSI/TIA/EIA, ISO/IEC, and CENELEC EN Standards, ANSI/TIA-568-C.2 Category 5E ISO/IEC 11801 Class D+ 2nd Edition CENELEC EN 50173-1 IEC 61156-5, CENELEC EN 50288-3-1 for Horizontal Cable

● Flame retardancy is verified according to NFPA 262

Jacket printing:

CAT.5E UTP INSTALLATION ETL VERIFIED TO ANSI/TIA-568-C.2   24AWGX4P CMP (UL) c(UL) E339722-XX XXXXXXM

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