



MPN: NWC-01-UTP-GRY305

Product Name: 4-Twisted Pair UTP CCA Network 305m Cable

Brand: Commodity Cables

Category: Data & Comms

Product Description: A twisted pair network cable that reduces crosstalk and electromagnetic induction from two insulated wires from each other.

Key Features:

- 4 twisted pair
- Number of cores: 8
- CPR Compliant
- BASEC-Approved
- Material: PVC

Specifications:

- Conductor: Copper Clad Aluminium
- Conductor Diameter (mm): 0.47 ± 0.02
- AWG 24
- Insulation HDPE
- Insulation Thickness (mm): 0.18
- Insulation Diameter (mm): 0.88 ± 0.08
- Insulation Colour(s): Blue/White/Blue; Orange/White/Orange; Green/White/Green
- Nylon Ripcord: White 210D
- Jacket Thickness (mm): 0.49 ± 0.03
- Overall Diameter (mm): 4.80 ± 0.03
- Sheath Printing C5 UTP 4PR Networking Cable PVC (PO) (m)
- Reaction to Fire: Fca
- Max Conductor DC resistance @ 20°C: $<135\Omega/\text{km}$
- Rated Temperature (°C): -20°C to 80°C
- Impedance (1-100MHz): $100\Omega \pm 15\Omega$

ETIM Class-9.0: Data and communication cable (EC003249)

ETIM Features:

- Number of cores:8
- Individual screen type: None (EV000494)
- Sheath material: Polyvinyl chloride (PVC) (EV000163)
- Sheath colour: Grey (EV000270)
- Category:5E (EV004113)

Applications:

- Data Transmission: Ideal for LANs, supporting Fast Ethernet (100 Mbps) and Gigabit Ethernet (1000 Mbps).
- Voice Communication: Suitable for VoIP and traditional telephone systems.
- Video Transmission: Transmits video for surveillance and conferencing with minimal interference.
- Power over Ethernet (PoE): Provides data and power to IP cameras, wireless access points, and VoIP phones.
- Home and Office Networking: Connects computers, printers, and other devices.

Standards:

- EN 50575



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