Cat 6 UTP 4 Pair PE Cable



Description

CAT6 Supports speeds up to 1 Gigabit per second (Gbps). and a bandwidth at a frequency of up to 250MHz. This is a popular and cost-effective choice for most business needs, such as high demand internet usage, Video calls, Team collaboration and VOIP. This is an unarmoured multi-pair high performance cable that consists of 4 twisted pairs with a durable PE sheath meaning it can be used internally and externally in ducts. The cable is used mainly for data transmission between wired computer networks. Cat 6 cables are backwards compatible with CAT5 and CAT5E

Key Features

Minimum Bending Radius
Fixed: 4 x overall diameter
Flexing: 8 x overall diameter

Temperature Limits
Temperature Range: -20°C to +60°C

Core Colours

Pair 1: Blue and Blue White

Pair 2: Orange and Orange White

Pair 3: Green and Green White

Pair 4 Brown and Brown White

Standards

- IEC 11801
- YD/T1019
- TIA/EIA 568

Construction

- **Conductor**: Class 1 solid copper
- **Insulation**: High Density Polyethylene (HDPE)
- **Outer Sheath**: Polyethylene (PE)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Cat 6 UTP 4 Pair PE Cable - Dimensions

Reference	AWG Stranding	No Of Pairs	Overall Diameter(mm)	Weight(Kg/Km)
4UTPCAT6DUCT	AWG 23	4	6.50	16

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