

Cat 6 UTP 4 Pair LSZH 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 in an LSZH outer sheath. The cable is used mainly for data transmission between wired computer networks. The LSZH sheath makes it perfect for installations where smoke emissions and toxic fumes create a potential risk to life in case of a fire. This cable is compliant under CPR 2017 for use in public buildings. 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



Flame Retardancy
 BS EN/IEC 60332-1-2



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

Core Colours

Pair 1: and White

Pair 2: and White

Pair 3: and White

Pair 4 and White

Standards

- BS EN/IEC 60332-1-2
- IEC 11801
- TIA/EIA 568

Construction

- **Conductor:** Class 1 solid copper
- **Insulation:** High Density Polyethylene (HDPE)
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Violet

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



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 LSZH Cable - Dimensions

Reference	AWG Stranding	No Of Pairs	Insulation Thickness (mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
4UTPCAT6LSF	AWG 23	4	0.22	0.50	6.10	32

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

