

Cat 6 UTP 4 Pair LSZH Cable



Description

A 4 pair high performance cable that consists of twisted pair conductors, used mainly for data transmission. Category 6 is recommended for all new installations, supports a frequency range of up to 250MHz and is designed for transmission speeds of up to 1 gigabit per second (Gigabit Ethernet). For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

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

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

ecovadis

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



CORE IDENTIFICATION

Pair 1:	Blue	Blue/White
Pair 2:	Orange	Orange/White
Pair 3:	Green	Green/White
Pair 4:	Brown	Brown /White
Sheath:	Black	

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