

## Cat 7 S/FTP 4 Pair LSZH Cable



### Description

Cat7 FTP (Foiled Twisted Pair) high-performance Ethernet cable standard designed for ultra-fast data, supporting 10 Gbps (10,000 Mbps) speeds up to 100 meters and even 40/100 Gbps over shorter distances, featuring robust shielding (individual foil wraps for pairs plus an overall braid/foil) to eliminate crosstalk and electromagnetic interference (EMI), making it ideal for demanding commercial or data-intensive home networks needing superior reliability. Excellent for server rooms, high-speed data centres, video conferencing, and Power over Ethernet (PoE) devices where performance and stability are critical. Cat 7 cables are backwards compatible with Cat 5e and Cat 6.

### Key Features



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



**Flame Retardancy**  
BS EN/IEC 60332-3-24 (Cat C)



**Temperature Limits**  
Temperature Range: -20°C to +70°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

- BS EN/IEC 60332-3-24 (cat C)
- IEC 61156-5
- YD/T1019
- BS EN 50288-4

### Construction

- **Conductor:** Solid Copper Conductor
- **Insulation:** Foam Polyethylene (FPE)
- **Insulation Screen:** Aluminium/Polyester Tape (AL/PET) Individually Screened
- **Drain Wire:** Tinned Copper
- **Braiding:** Tinned Copper Wire Braiding (TCWB)
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Orange

### 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 7 S/FTP 4 Pair LSZH Cable - Dimensions

Reference	AWG Stranding	No Of Pairs	Overall Diameter(mm)	Weight(Kg/Km)
4S/FTPCAT7LSZH	AWG 23	4	7.40	20

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