

Cat 5E PE FTP 4 Pair GSWB LSZH Cable



Description

CAT5e Supports speeds up to 1 Gigabit per second (Gbps), and a bandwidth at a frequency of 100 MHz. This is a popular and cost-effective choice for most residential and small business needs, such as basic internet usage and streaming. This is an armoured multi-pair high performance cable that consists of 4 twisted pairs in a foil screen with further steel wired braiding for mechanical protection. The cable is used mainly for horizontal wiring in a local area network (LAN). 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.

Key Features



Minimum Bending Radius
6 x overall diameter



Flame Retardancy
BS EN/IEC 60332-1-2



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

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

Construction

- **Conductor:** Class 1 solid copper
- **Insulation:** High Density Polyethylene (HDPE)
- **Drain Wire:** Tinned Copper
- **Screen:** Aluminium Foil
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Armour:** Galvanised Steel Wire Braid (GSWB)
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Black

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 5E PE FTP 4 Pair GSWB LSZH Cable - Dimensions

Reference	AWG Stranding	No Of Pairs	Overall Diameter(mm)	Weight(Kg/Km)
4FTPCAT5EGSWBLSZH	AWG 24	4	9.30	125

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