Defence Standard 61-12 Part 4 Cable LSZH



Description

These Multi-Core flexible cables are designed for high density wiring between components and within instruments and electronic equipment. They are extensively used in aircraft, process control systems, computers, data processors, military vehicles and military

Key Features

Voltage Rating
440 volts RMS, suitable for frequencies up to 1.6kHz

Minimum Bending Radius
7.5 x overall diameter

Temperature Limits
Fixed: -30°C to +60°C
Flexed: -15°C to +60°C

Standards

- BS EN/IEC 61034-2
- BS EN/IEC 60754-1/2
- UL1581
- Generally to Ministry of Defence Standard DEF61-12 LSF:
  Part 4 for 7/0.2 Conductor
  Part 5 for 16/0.2 conductor

Construction

- **Conductor**: Class 2 stranded tinned copper
- **Insulation**: Low Smoke Zero Halogen (LSZH)
- **Drain Wire**: Tinned Copper
- **Screen**: Aluminium Foil
- **Ripcord**: Nylon
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **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

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.

31196