

## Railway Datalink Cable



### Description

Data Link cable is used for solid state unlocking (SSI) systems and predominantly used in the rail industry for sending and receiving information from trackside.

### Key Features



**Voltage Rating**  
650/1100 Volts



**Minimum Bending Radius**  
6 x overall diameter



**Temperature Limits**

Temperature Range for PE Sheath: -25°C To +85°C  
Temperature Range for LSZH Sheath: -10°C To +50°C

### Core Colours

#### Sheath Colours

#### LSZH

Black or Blue

#### PE

Black Blue Violet Orange Brown

### Standards

- **PADS REF:** 0006/166065
- **BS EN/IEC 60228**

### Construction

- **Conductor:** Class 1 solid copper
- **Insulation:** Polyethylene (PE)
- **Bedding:** Polyethylene (PE)
- **Separator:** LSZH Sheath: Polyester Tape (PET)  
PE Sheath: None
- **Water Blocking:** Radial applied Al/PET Tape
- **Outer Sheath:** Polyethylene (PE) or  
Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Various

### 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**

## Railway Datalink Cable - Dimensions

Reference	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Rail Code	Gland Size
DATALINK2X1/27	2	1/1.27	12.47	136	6/166065	25

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.

