



# LSZH Twin Datalink Cable [A-2Y2Y(L)H]



Eland Product Group: A8T

## APPLICATION

Interconnecting cable for Solid State Interlocking (SSI) systems with LSZH sheath for use in tunnels and stations.

## CHARACTERISTICS

**Voltage Rating (U<sub>o</sub>/U)**  
0.65/1.1kV

**Core Identification**  
1 Pair: ● Red ● Blue

**Sheath Colour**  
● Black ● Blue

## CONSTRUCTION

**Conductor**  
Class 1 solid copper conductor

**Insulation**  
PE (Polyethylene)

**Wrapping**  
Polyester tape

**Inner Sheath**  
PE (Polyethylene)

**Tape**  
AL-PET (Aluminium - Polyethylene) tape

**Outer Sheath**  
LSZH (Low Smoke Zero Halogen)

## CABLE THIRD-PARTY ACCREDITATION



Network Rail (NR) certified and PADS listed as meeting the requirements for installation on their network

## CABLE STANDARDS

BR 1932

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	SHEATH COLOUR	NO. OF PAIRS	THICKNESS OF INNER SHEATH mm	NOMINAL DIAMETER OVER INSULATION mm	THICKNESS OF OUTER SHEATH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A8T011272HLS	Black	1	0.6	2.6	2.5	12.5	190
A8T011272HLSBL	Blue	1	0.6	2.6	2.5	12.5	190

## ELECTRICAL CHARACTERISTICS

INSULATION RESISTANCE Gohms/km	CONDUCTOR RESISTANCE ohms/km	MUTUAL CAPACITANCE AT 10kHz nF/km
40	14	55

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.