

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.

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 STANDARDS

BR 1932



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating (U_o/U)

650/1100V

Core Identification

1 Pair: ● Red ● Blue

Outer Sheath Colour

● Black ● Blue

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.