

8761 - LSZH 300V Alternative Cable



ELAND CABLES ©

Eland Product Group: A3B

APPLICATION

This cable is suitable for use in instrumentation, data and audio applications where protection against electrical interference is required. Cables with polyethylene insulation show lower signal loss than those using PVC. For installations where fire, smoke emission and toxic fumes create a potential risk to life and equipment. Available in 300V and 600V variations.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
-20°C to +80°C

CONSTRUCTION

Conductor
Class 2 stranded tinned copper conductor

Insulation
HDPE (High Density Polyethylene)

Screen
Aluminium foil

Drain Wire
Stranded tinned copper

Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification
● Black ● Transparent

Sheath Colour
● Grey

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



8578



F5 672069



EMS 672067

OHS 672066

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



KM 634267





DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8761LSZHGR	2	AWG22(7)	0.25	4.5	26

ELECTRICAL CHARACTERISTICS

NOMINAL CAPACITANCE pF/m	IMPEDANCE ohms	VELOCITY RATIO %	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
80	64	66	60.2

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.