

Belden 8761 - LSZH 300V (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

A single pair overall screened LSZH (Low Smoke Zero Halogen) cable, suitable for use in instrumentation, data and audio applications where protection from electrical interference is required. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

HDPE (High Density Polyethylene)

Shield

AL/PET (Aluminium/Polyester Tape)

Drain Wire

Tinned Copper

Sheath

LSZH (Low Smoke Zero Halogen)

CABLE STANDARDS

Generally to Belden 8761



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

300V

Temperature Rating

-25°C to +70°C

Core Identification

● Clear ● Black

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8761LSZHGR	8761LSZH	2	22 (7)	4.5	26

ELECTRICAL CHARACTERISTICS

BELDEN ALTERNATIVE	NOMINAL CAPACITANCE pF/m	IMPEDANCE ohms	VELOCITY RATIO %	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km
8761LSZH	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.