

Belden 8761 - 600V LSZH (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

600V

Temperature Rating

-25°C to +90°C

Core Identification

● Clear ● Black

Sheath Colour

● Violet

DIMENSIONS

ELAND PART NO.	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8761NH600V	2	22 (7)	4.5	26

ELECTRICAL CHARACTERISTICS

ELAND PART NO.	NOMINAL CAPACITANCE pF/m	IMPEDANCE ohms	VELOCITY RATIO %	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km
A3B8761NH600V	80	64	66	54.2