

Belden 9502 - LSZH 300V (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

Belden 9502 - LSZH (Belden Alternative) overall screened cable provides protection against electrical interference. Suitable for use over long distances at high performance levels and where low signal distortion is required. Used for instrumentation control and RS232 applications. For installations where fire, smoke emissions and toxic fumes create a potential risk to life and equipment.

CABLE STANDARDS

RS232, generally to Belden 9502



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.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PE (Polyethylene)

Drain Wire

Tinned copper

Screen

AL-Foil (Aluminium Foil)

Sheath

LSZH (Low Smoke Zero Halogen)

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

Fixed: -20°C to +80°C

Core Identification

Pair 1: ● Black ● Red

Pair 2: ● Black ○ White

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9502LSZHGR	9502LSZH	2	AWG24(7)	0.2	5.6	34

ELECTRICAL CHARACTERISTICS

BELDEN ALTERNATIVE	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km
9502LSZH	84.8

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.