



9502 - 300V LSZH Alternative Cable



Eland Product Group: A3B

APPLICATION

LSZH 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.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
Fixed: -20°C to +80°C

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)

Core Identification
Pair 1: ● Black ● Red
Pair 2: ● Black ○ White
Pair 3: ● Black ● Green
Pair 4: ● Black ● Blue

Sheath Colour
● Grey

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



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, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

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

ELECTRICAL CHARACTERISTICS

MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
ohms/km

84.8