



9941 300V LSZH Alternative Cable



Eland Product Group: A3B

APPLICATION

The 9941 Alternative cable is used for high data rates for RS232 and RS422 applications for use over extended distances.

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
+70°C

CONSTRUCTION

Conductor
Stranded tinned copper conductor

Insulation
FR-PVC (Flame-retardant-Polyvinyl Chloride)

Braid
TCWB (Tinned copper braid shield)

Shield
Aluminium Foil

Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification
● Black ○ White ● Red ● Green ● Brown

Sheath Colour
● Grey

DIMENSIONS

ELAND PART NO.	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OF INSULATION mm	NOMINAL OVERALL DIAMETER mm
A3B9941LSZH300V	5	AWG18(7)	0.254	1.30	5.85

ELECTRICAL CHARACTERISTICS

MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m
>200	<5.84

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.

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



SCIENCE
BASED
TARGETS

BUSINESS
AMBIITION FOR 1.5°C



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®.

