



9841 - LSZH 600V Alternative Cable



Eland Product Group: A3B

APPLICATION

9841 Alternative cable is a 24 AWG low capacitance cable with a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications.

CHARACTERISTICS

Voltage Rating
600V

Temperature Rating
Fixed: -40°C to +80°C

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PE (Polyethylene)

Screen

Al/PET (Aluminium polyester foil)

Drain Wire

Stranded Tinned copper

Braid

TCWB (Tinned Copper Wire Braid)

Sheath

LSZH (Low Smoke Zero Halogen)

Core Identification

● Blue/White ● White/Blue

Sheath Colour

● Violet

ISO/IEC 17025 LABORATORY TESTED

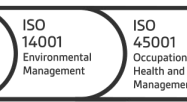
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



8578



FS 672069



EMS 672067



OHS 672066

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 and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



KM 034287





DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9841NH600V	1	AWG24(7)	0.2	5.9	54

ELECTRICAL CHARACTERISTICS

VELOCITY PROPAGATION %	IMPEDANCE ohm	CAPACITANCE pF/m		MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
		Conductor to Conductor	Conductor to Shield	
66	120	42	75.46	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.