

9538 PVC - LSF Alternative Cable



Eland Product Group: A3B

APPLICATION

9538 / 9540 / 9541 - PVC-LSF Alternative cable RS232 data cable is a general purpose overall screened cable. With protection against electrical interference, this cable is suitable for RS232 applications.

CHARACTERISTICS

Voltage Rating
300V

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

CONSTRUCTION

Conductor
Class 2 stranded tinned copper conductor

Insulation
PVC (Polyvinyl Chloride)

Screen
Al/Foil (Aluminium Foil)

Drain Wire
Tinned copper

Sheath
PVC-LSF (Polyvinyl Chloride-Low Smoke Fume)

Core Identification
● Red ● Black ○ White ● Green ● Blue ● Orange ● Yellow

Sheath Colour
● Grey

DIMENSIONS

ELAND PART NO.	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9538LSFGR	8	AWG24(7)	0.2	5.7	50

ELECTRICAL CHARACTERISTICS

CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
107	94.1

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.

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.



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™.

