



## 9541 PVC - LSF Alternative Cable



Eland Product Group: A3B

### APPLICATION

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)

**Drain Wire**  
Tinned copper

**Screen**  
Al/Foil (Aluminium Foil)

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

#### Core Identification

- Red ● Black ○ White ● Green ● Blue ● Orange
- ◐ White/Black ◑ Red/Black ◒ Green/Black ◓ Orange/Black
- ◔ Blue/Black ◕ Black/White ◖ Red/White ◗ Green/White
- ◘ Blue/White

**Sheath Colour**  
● Grey

### 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™.





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9541LSFGR	15	AWG24(7)	0.2	7.22	83

## ELECTRICAL CHARACTERISTICS

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