



## 9841 PVC - LSF 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

300V

#### Temperature Rating

Fixed: -20°C to +80°C

### CONSTRUCTION

#### Conductor

Class 2 stranded tinned copper

#### Insulation

PE (Polyethylene)

#### Screen

Stranded Tinned copper

#### Drain Wire

Tinned copper

#### Braid

TCWB (Tinned Copper Wire Braid)

#### Sheath

PVC-LSF (Polyvinyl Chloride-Low Smoke Fume)

#### Core Identification

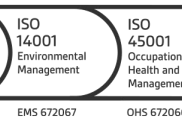
Pair 1: ● Blue/White ● White/Blue

#### 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 PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9841LSFGR	1	AWG24(7)	0.2	5.9	54

## ELECTRICAL CHARACTERISTICS

CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
41.9	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.