

# 9841 SWA LSZH 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 conductor

### Insulation

PE (Polyethylene)

### Screen

Aluminium foil tape

### Drain Wire

Stranded tinned copper

### Inner Sheath

PE (Polyethylene) as appropriate

### Armour

Galvanized steel wire

### Braid

TCWB (Tinned Copper Wire Braid)

### Sheath

LSZH (Low Smoke Zero Halogen)

### Core Identification

● Blue/White ● White/Blue

### Sheath Colour

● Black

## 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 634267





## DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9841SWA/LSZH	1	7	0.2	11	210

## ELECTRICAL CHARACTERISTICS

MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m
>200	9.41