

## 9843 - LSZH 300V Alternative Cable



### Application

9843 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.

### Standards

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.

### Characteristics

**Voltage Rating**

300V

**Temperature Rating**

Fixed: -20°C to +80°C

**Minimum Bending Radius**

10 x overall diameter



### Construction

**Conductor**

Class 2 stranded tinned copper conductor

**Insulation**

PE (Polyethylene)

**Inner Sheath**

LSZH (Low Smoke Zero Halogen) compound

**Screen 1**

Al/PET (Aluminium foil/Polyester tape)

**Screen 2**

TCWB (Tinned Copper Wire Braid)

**Drain Wire**

Stranded Tinned copper

**Sheath**

LSZH (Low Smoke Zero Halogen)

**Sheath Colour**

Grey



## Dimensions

NO. OF PAIRS	AWG NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
3	AWG24(7)	0.2	9.15	108

## Electrical Characteristics

VELOCITY TO PROPAGATION %	IMPEDANCE ohms	CAPACITANCE AT 1kHz pF/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km
66	120	90	90.41



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.