

**LSZH 300V Screened Single Pair Low Capacitance Computer Cable for EIA RS-485 Applications**



**RoHS  
Compliant**



**Application:**

This 24 AWG low capacitance cable has a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications.

**Construction:**

- Conductor : Stranded tinned copper conductor
- Inner Sheath : PE (Polyethylene)
- Screen : Aluminium polyester foil
- Drain Wire : Tinned copper
- Braid : TCWB (Tinned Copper Wire Braid)
- Sheath : LSZH (Low Smoke Zero Halogen)

**Cable Standard:**

Made in accordance with the following:  
RS485

**Characteristics:**

- Voltage Rating : 300V
- Temperature Rating : Fixed : -20°C to +70°C
- Core Identification : Pair 1: Blue/White & White/Blue
- Sheath Colour : Grey

**Dimensions:**

No. of Pairs	AWG	Stranding	Nominal Diameter of Strands mm	Nominal Overall Diameter mm	Nominal Weight kg/km
1	24	7 × 32 AWG	0.2	5.9	54

**Electrical Characteristics:**

Velocity Propagation %	Impedance Ω	Capacitance at pF/m	Max. Resistance of Conductor at 20°C Ω/km
66	120	75.46	84.6

**Part Number Table**

Description	Reel Length	Part Number
LSZH 300V Screened Single Pair Low Capacitance Computer Cable for EIA RS-485 Applications	50m	PP001164

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