

# LSZH 300V Screened Multipair Low Capacitance Computer Cable for EIA RS-485 Applications

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**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; Pair 2: Orange/White & White/Orange
Sheath Colour	: Grey

## Dimensions:

No. of Pairs	AWG	Stranding	Nominal Diameter of Strands mm	Nominal Overall Diameter mm	Nominal Weight kg/km
2	24	7 × 32 AWG	0.2	7.4	92

## Electrical Characteristics:

Velocity Propagation %	Impedance Ω	Capacitance at 1kHz pF/m	Max. Resistance of Conductor at 20°C Ω/km
66	120	42	86.2

## Part Number Table

Description	Reel Length	Part Number
LSZH 300V Screened Multipair Low Capacitance Computer Cable for EIA RS-485 Applications	50m	PP001165

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