

# LSZH 300V Screened Single Pair Instrumentation, Data and Audio Cable

pro-POWER

RoHS  
Compliant



## Application:

This cable is suitable for use in instrumentation, data and audio applications where protection against electrical interference is required. Cables with polyethylene insulation show lower signal loss than those using PVC.

## Construction:

Conductor	: Stranded tinned copper conductor
Insulation	: HDPE (High-Density Polyethylene)
Screen	: Aluminium foil
Drain Wire	: Tinned copper
Sheath	: LSZH (Low Smoke Zero Halogen)

## Characteristics:

Voltage Rating	: 300V
Temperature Rating	: Fixed : -20°C to +80°C
Core Identification	: 1 Pair : Black & Transparent
Sheath Colour	: Grey

## Dimensions:

No. of Pairs	AWG	Stranding	Nominal Diameter of Strands mm	Nominal Overall Diameter mm	Nominal Weight kg/km
1	18	16 × 30 AWG	0.25	5.6	46

## Electrical Characteristics:

Impedance $\Omega$	Capacitance at 1kHz pF/m	Max. Resistance of Conductor At 20°C $\Omega$ /km
60	80	23.7

## Part Number Table

Description	Reel Length	Part Number
LSZH 300V Screened Single Pair Instrumentation, Data and Audio Cable	50m	PP001160

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