

**RoHS  
Compliant**



## Application

LSF (Belden 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
Core Identification	: 1 Pair: Black/White, White/Blue
Minimum Bending Radius	: Fixed: 4 × overall diameter
Sheath Colour	: Grey

## Cable Standards

Generally to Belden 9841LSF, RS485

## Construction

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

PE (Polyethylene)

### Screen

Aluminium polyester foil

### Drain Wire

Tinned Copper

### Braid

TCWB (Tinned Copper Wire Braid)

### Sheath

LSF (Low Smoke and Fume)

## Dimensions

Part Number	No. of Pairs	AWG (No. of Strands)	Nominal Diameter of Strands mm	Nominal Overall Diameter mm	Nominal Weight kg/km
PP002117	1	24AWG (7)	0.2	5.9	54

## Electrical Characteristics

Part Number	Capacitance at 1kHz pF/m	Maximum Resistance of Conductor At 20°C Ω/km
PP002117	41.9	94.1

**Part Number Table**

Description	Part Number
Screened Cable, 1Pair, LSF (Belden 9841 Alternative), Grey, 100m	PP002117

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