

# Screened Paired LSF

## Audio, Data and Instrumentation Cable

**multicomp** PRO

**RoHS  
Compliant**



PP000871



PP000874, PP000869 & PP000872

### Application:

The cables are 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 : PE (Polyethylene)  
 Screen : Aluminium foil  
 Drain Wire : Tinned copper  
 Sheath : LSF (Low Smoke and Fume)

### Characteristics:

Part Number	Voltage Rating	Temperature Rating	Core Identification	Sheath Colour
PP000871	300V	Fixed : -20°C to +75°C	1 Pair : Black & Red	Grey
PP000874		Fixed : -20°C to +80°C	1 Pair : Black & Transparent	
PP000869				
PP000872	600V			

### Electrical Characteristics:

Part Number	Capacitance at 1kHz pF/m	Max. Resistance of Conductor at 20°C Ω/km
PP000871	111.5	47.6
PP000874	88.6	41.8
PP000869	97.8	26.4
PP000872	75	14.7

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### Dimensions:

Part Number	No. of Pairs	AWG Size	Conductor Area CSA mm <sup>2</sup>	No. of Max. Strands x Strand Size (mm)	Nominal Overall Diameter mm	Nominal Weight kg/km
PP000871	1	22	0.33	7 × 0.24	3.51	23
PP000874		20	0.52	7 × 0.3	5.2	38
PP000869		18	0.82	16 × 0.25	5.6	46
PP000872		16	1.31	19 × 0.29	7.95	84

### Part Number Table

Description	Reel Length (m)	Part Number
Screened Pair Cable, 1PR, 22AWG	100	PP000871
Screened Pair Cable, 1PR, 20AWG		PP000874
Screened Pair Cable, 1PR, 18AWG		PP000869
Screened Pair Cable, 1PR, 16AWG		PP000872

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