

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 | 75 | 38.5 |
| PP000869 | 97.8 | 26.4 |
| PP000872 | 60 | 15.8 |

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Dimensions:

| Part Number | No. of Pairs | AWG Size | Conductor Area CSA mm ² | No. of Max. Strands x Strand Size (mm) | Nominal Overall Diameter mm | Nominal Weight kg/km |
|-------------|--------------|----------|------------------------------------|--|-----------------------------|----------------------|
| PP000871 | 1 | 22 | 0.33 | 7 × 0.254 | 3.5 | 23 |
| PP000874 | | 20 | 0.52 | 7 × 0.3 | 5.1 | 38 |
| PP000869 | | 18 | 0.82 | 16 × 0.25 | 5.5 | 46 |
| PP000872 | | 16 | 1.31 | 19 × 0.287 | 7.5 | 76 |

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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