

# Screened Paired LSF

Computer, Control and Instrumentation Cable

pro-POWER



RoHS  
Compliant

## Application:

The overall screened cable provides protection against electrical interference. Suitable for use over long distances at high performance levels and where low signal distortion is required. Used for instrumentation control and RS232 applications.

## Construction:

|            |                                    |
|------------|------------------------------------|
| Conductor  | : Stranded tinned copper conductor |
| Insulation | : PVC (Polyvinyl Chloride)         |
| Drain Wire | : Tinned copper                    |
| Screen     | : AL-Foil (Aluminium Foil)         |
| Sheath     | : LSF (Low Smoke and Fume)         |

## Characteristics:

|                     |  |
|---------------------|--|
| Voltage Rating      | : 300V   |
| Temperature Rating  | : Fixed : -20°C to +80°C                         |
| Core Identification | : Pair 1 : Black & Red<br>Pair 2 : Black & White |
| Sheath Colour       | : Grey   |

## Electrical Characteristics:

| Part Number | Capacitance at 1kHz<br>pF/m | Max. Resistance of Conductor at 20°C<br>Ω/km | Nominal Impedance |
|-------------|-----------------------------|--|-------------------|
| PP000880    | 94                          | 94.1   | 75Ω               |
| PP000881    |                             |  |                   |

## Dimensions:

| Part Number | No. of Pairs | AWG Size | Conductor Area CSA<br>mm <sup>2</sup> | No. of Max. Strands × Strand Size (mm) | Nominal Overall Diameter<br>mm | Nominal Weight<br>kg/km |
|-------------|--------------|----------|---------------------------------------|--|--------------------------------|-------------------------|
| PP000880    | 2            | 24       | 0.2                                   | 7 × 0.2                                | 4.6                            | 34                      |
| PP000881    |              |          |                                       |  |                                |                         |

## Part Number Table

| Description                     | Reel Length (m) | Part Number |
|---------------------------------|-----------------|-------------|
| Screened Pair Cable, 2PR, 24AWG | 100             | PP000880    |
| Screened Pair Cable, 2PR, 24AWG | 500             | PP000881    |

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