



# Technical Library

## 4 Core Microphone Cable

**DESCRIPTION:** PSF 4/1m 4 x 0.16mm<sup>2</sup>

**CONFORMS TO:** BBC - ED 112 - PSF 4/2m

### 1. MECHANICAL DATA

**1.1. INNER CONDUCTOR:** 14 x 0.12mm Tinned Copper

**1.2. INSULATION:** PVC O.D. 1.10mm

**1.3. SCREEN(S):** Lay Up ; 4 cores in RHL  
Tape ; 1 lay of PETP tape  
Screen ; 8 x 6 x 0.15mm Tinned Copper

**1.4. JACKET:** PVC

**1.5. OVERALL DIAMETER:** 4.60mm

**1.6. WEIGHT:** 33.3 kg/km

**1.7. MARKING:** PSF 4/1m

**1.8. OTHER DETAILS:**

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RS Components shall not be liable for any liability or loss of any nature (howsoever caused and whether or not due to RS components' negligence) which may result from the use of any information provided in RS literature.

## 2. ELECTRICAL DATA

### 2.1. IMPEDANCE:

2.2. CAPACITANCE(S): 120 pF/m

### 2.3. RESISTANCE:

2.3.1.: INNER CONDUCTOR(S):

2.3.2.: OUTER CONDUCTOR(S): 130 ohm/km  
/SCREENS

2.4. ATTENUATION: f (MHz) db/100m

### 2.5. RETURN LOSS:

### 2.6. VELOCITY RATIO:

2.7. OTHER DETAILS: Voltage Rating : 1 KV  
Current Rating : 0.75A  
Temperature Range : -20°C to + 70°C

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