



ENGLISH

Datasheet

Stock No. 841-7131

## RS PRO PTFE Insulated Equipment Wire (Type A)



### Specifications:

| Conductor |                         |          |                | Insulation Thickness (mm) |      | Overall Diameter (mm) |      | Conductor resistance ( $\Omega$ /Km, at 20°C) | Mass        | Long term current Rating (A) |
|-----------|-------------------------|----------|----------------|---------------------------|------|-----------------------|------|---|-------------|------------------------------|
| Size AWG  | Area (mm <sup>2</sup> ) | O/D (mm) | Stranding (mm) | Min.                      | Max. | Min.                  | Max. | SPCW Max.                                     | Max (Kg/Km) | Max.                         |
| 28        | 0.079                   | 0.36     | 7/ 0.12        | 0.10                      | 0.15 | 0.56                  | 0.71 | 244.0   | 140         | 3.0                          |

|   |  |   |  |  |  |  |  |  |  |  |
|---|--|---|--|--|--|--|--|--|--|--|
|   |  | 0 |  |  |  |  |  |  |  |  |
| <b>*Current ratings are based on a temperature rise of 40°C (single wire in free air)</b> |  |   |  |  |  |  |  |  |  |  |

**Features:**

**Relevant Standards: BS 36 210:1996**

**Rated Voltage: 300 Vrms**

**Working Temperature (°C): -75 to 200 °C**

**Adhesive Strength between conductor and insulation: 8 +/-1.5 N , test cable length: 5cm**

**Construction:**

**Inner Conductor: Silver plated copper**

**Insulation: PTFE**