



ENGLISH

Product Datasheet

PTFE Insulated Equipment Wire (Type A)

7/0.15mm SPC



8417166 8417181

8417190

8417210

8417178 8417188

8417207

8417201

8417175 8417184

8417194

8417204

8417172 8417197

RoHS✓



Characteristics:

Relevant Standards: BS 3G 210:1996

Rated Voltage: 300 Vrms

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

Construction:

Inner Conductor: Silver plated copper

Insulation: PTFE

Specification:

| Conductor | | | | Insulation Thickness (mm) | | Overall Diameter (mm) | | Conductor resistance (Ω/Km, at 20°C) | Mass | Long term current Rating (A) |
|-----------|-------------------------|----------|----------------|---------------------------|------|-----------------------|------|--------------------------------------|-------------|------------------------------|
| Size AWG | Area (mm ²) | O/D (mm) | Stranding (mm) | Min. | Max. | Min. | Max. | SPCW Max. | Max (Kg/Km) | Max. |
| 26 | 0.124 | 0.45 | 7/0.15 | 0.10 | 0.15 | 0.65 | 0.80 | 159.0 | 1.96 | 4.0 |

*Current ratings are based on a temperature rise of 40°C (single wire in free air)

Product Range:

| RS Code | Description |
|---------|---------------------------|
| 8417178 | PTFE A 7/0.15 red 25m |
| 8417166 | PTFE A 7/0.15 black 25m |
| 8417175 | PTFE A 7/0.15 pink 25m |
| 8417181 | PTFE A 7/0.15 black 100m |
| 8417184 | PTFE A 7/0.15 pink 100m |
| 8417172 | PTFE A 7/0.15 white 25m |
| 8417190 | PTFE A 7/0.15 blue 100m |
| 8417188 | PTFE A 7/0.15 red 100m |
| 8417197 | PTFE A 7/0.15 white 100m |
| 8417194 | PTFE A 7/0.15 green 100m |
| 8417204 | PTFE A 7/0.15 yellow 100m |
| 8417207 | PTFE A 7/0.15 brown 100m |
| 8417210 | PTFE A 7/0.15 orange 100m |
| 8417201 | PTFE A 7/0.15 violet 100m |