



ENGLISH

Product Datasheet

PTFE Insulated Equipment Wire (Type A)

7/0.20mm SPC



8417213 8417223

8417241

8417245

8417226 8417235

8417257

8417251

8417217 8417232

8417260

8417254

8417248

8417239

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. |
| 24 | 0.220 | 0.600 | 7/0.20 | 0.10 | 0.15 | 0.80 | 0.95 | 88.3 | 3.04 | 6.0 |

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

Product Range:

| RS Code | Description |
|---------|--------------------------|
| 8417213 | PTFE A 7/0.2 black 25m |
| 8417229 | PTFE A 7/0.2 white 25m |
| 8417217 | PTFE A 7/0.2 pink 25m |
| 8417226 | PTFE A 7/0.2 red 25m |
| 8417232 | PTFE A 7/0.2 pink 100m |
| 8417235 | PTFE A 7/0.2 red 100m |
| 8417223 | PTFE A 7/0.2 black 100m |
| 8417241 | PTFE A 7/0.2 blue 100m |
| 8417239 | PTFE A 7/0.2 white 100m |
| 8417248 | PTFE A 7/0.2 yellow 100m |
| 8417245 | PTFE A 7/0.2 orange 100m |
| 841725 | PTFE A 7/0.2 green 100m |
| 8417257 | PTFE A 7/0.2 brown 100m |
| 841720 | PTFE A 7/0.2 grey 100m |
| 8417251 | PTFE A 7/0.2 violet 100m |