

FEATURES

- PFA insulated cable for extending Platinum Resistance Thermometers
- extruded PFA Teflon® construction
- Good mechanical strength and flexibility
- resistant to oils, acids and other adverse fluids

Thermocouple & Extension Wire Type RTD, -75 → +260 °C 4 Core Screened PFA Teflon Sheath 50m

RS Stock No.: 827-5827



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted brand RS PRO, comes a range of high quality and great value thermocouple extension cables. Manufactured to industry standards, these extension wires are an excellent solution for extending the distance between a temperature probe and the instrument that providing the reading.

General Specifications

Thermocouple Type	RTD
Number Of Cores	4
Screened/Unscreened	Screened
Insulation Material	PFA Teflon
Cable Shape	Twisted
Number Of Strands	7
Standards Met	IEC-751
Applications	Medical - research into DNA and hypodermic insertion to detecting a tumour; Vehicle diagnostics - used to monitor and adjust factors such as battery health, exhaust readings, spark plug function and brake performance; Temperature readings in boilers, heating sensors, and ovens; Food thermometers, industrial probes, and sensors

Mechanical Specifications

Length	50
Core Strands	7/0.2mm
Size Of Strands	0.2mm
Section	0.219mm ²
Diameter	3.2mm

Operation Environment Specifications

Minimum Operating Temperature	-75°C
Maximum Operating Temperature	260°C

Approvals

Compliance/Certifications	RoHS Certificate Of Compliance
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Type	Conductors	mm ²	Cores	Screen	Jacket	Reel Length	Allied Code	RS order code
RTD	7/0.2mm	0.219	x 4	Yes	Black	10 metres	70646175	611-8078
RTD	7/0.2mm	0.219	x 4	Yes	Black	25 metres	70646176	611-8090
RTD	7/0.2mm	0.219	x 4	Yes	Black	50 metres	70657148	827-5827
RTD	7/0.2mm	0.219	x 4	Yes	Black	100 metres	70657150	827-5836
RTD	7/0.2mm	0.219	x 6	Yes	Black	25 metres	70646177	611-8107
RTD	7/0.2mm	0.219	x 6	Yes	Black	50 metres	70657151	827-5839

