

## FEATURES

- PFA Teflon® insulated flat pair
- Single pair of PFA insulated conductors, laid flat with PFA jacket
- Good mechanical strength and flexibility
- Tolerance Class 1 for optimum accuracy

## RS PRO Extension Cable Type T, 50m

RS Stock No.: 611-8040



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

<b>Thermocouple Type</b>	T
<b>Screened/Unscreened</b>	Unscreened
<b>Insulation Material</b>	PFA
<b>Cable Shape</b>	Multicore
<b>Number of Strands</b>	7
<b>Number of Cores</b>	2 Core
<b>Standards Met</b>	IEC 584-3
<b>Applications</b>	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

<b>Length</b>	50m
<b>Core Strands</b>	7/0.2mm
<b>Size Of Strands</b>	0.2mm
<b>Section</b>	0.219mm <sup>2</sup>

### Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-75°C
<b>Maximum Operating Temperature</b>	260°C

### Approvals

<b>Compliance/Certifications</b>	RoHS Certificate Of Compliance
----------------------------------	--------------------------------



## Thermocouple & Extension Wire



T/C Type	Conductors	mm <sup>2</sup>	Cores	Jacket	Reel Length	Allied Code	RS order code
KX	1/0.3mm	0.072	+Green/-White	Green	5 metres		<b>185-3019</b>
KX	1/0.3mm	0.072	+Green/-White	Green	10 metres	70657118	<b>827-5729</b>
KX	1/0.3mm	0.072	+Green/-White	Green	25 metres	70646169	<b>611-8012</b>
KX	1/0.3mm	0.072	+Green/-White	Green	50 metres	70657116	<b>827-5722</b>
KX	1/0.3mm	0.072	+Green/-White	Green	100 metres	70657117	<b>827-5726</b>
KX	7/0.2mm	0.219	+Green/-White	Green	10 metres	70657115	<b>827-5716</b>
KX	7/0.2mm	0.219	+Green/-White	Green	25 metres	70646166	<b>611-7980</b>
KX	7/0.2mm	0.219	+Green/-White	Green	50 metres	70646168	<b>611-8006</b>
KX	7/0.2mm	0.219	+Green/-White	Green	100 metres	70657113	<b>827-5710</b>
EX	7/0.2mm	0.219	+Purple/-White	Purple	10 metres		<b>136-5865</b>
JX	7/0.2mm	0.219	+Black/-White	Black	10 metres	70657119	<b>827-5732</b>
JX	7/0.2mm	0.219	+Black/-White	Black	25 metres	70646171	<b>611-8034</b>
JX	7/0.2mm	0.219	+Black/-White	Black	50 metres		<b>611-8056</b>
JX	7/0.2mm	0.219	+Black/-White	Black	100 metres	70657122	<b>827-5741</b>
TX	7/0.2mm	0.219	+Brown/-White	Brown	10 metres	70657120	<b>827-5735</b>
TX	7/0.2mm	0.219	+Brown/-White	Brown	25 metres	70646173	<b>611-8028</b>
TX	7/0.2mm	0.219	+Brown/-White	Brown	50 metres	70646172	<b>611-8040</b>
TX	7/0.2mm	0.219	+Brown/-White	Brown	100 metres	70657121	<b>827-5738</b>
NX	7/0.2mm	0.219	+Pink/-White	Pink	10 metres	70657123	<b>827-5744</b>
NX	7/0.2mm	0.219	+Pink/-White	Pink	25 metres	70646174	<b>611-8062</b>
NX	7/0.2mm	0.219	+Pink/-White	Pink	50 metres	70657124	<b>827-5748</b>

RS067/0419

# Thermocouple & Extension Wire

