

## FEATURES

- PVC insulated flat pair construction
- Conductors laid flat PVC insulated with overall PVC sheath
- All round general purpose cable, both waterproof and very flexible
- Tolerance Class 2

## RS PRO Extension Cable Type T, 25m

RS Stock No.: 236-3870



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 and compensating cables. Manufactured to industry standards, these thermocouple 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>Number Of Cores</b>	2
<b>Screened/Unscreened</b>	Unscreened
<b>Insulation Material</b>	PVC
<b>Cable Shape</b>	Multicore
<b>Number Of Strands</b>	7
<b>Standards Met</b>	IEC584
<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

## Electrical Specifications

<b>Power Consumption Max</b>	170VA dropping to 20VA during charging
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## Mechanical Specifications

<b>Length</b>	25m
<b>Core Strands</b>	7/0.2mm
<b>Size Of Strands</b>	0.2mm
<b>Energy Output</b>	0-60 Joules
<b>Welding Capacity Wires</b>	Up to 1.1mm Diameter
<b>Duty Cycle Minimum</b>	5-10 welds/min
<b>Physical Dimensions</b>	220mm wide x 120mm high x 250mm depth
<b>Weight</b>	4kg

## Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-10°C
<b>Maximum Operating Temperature</b>	105°C

## Approvals

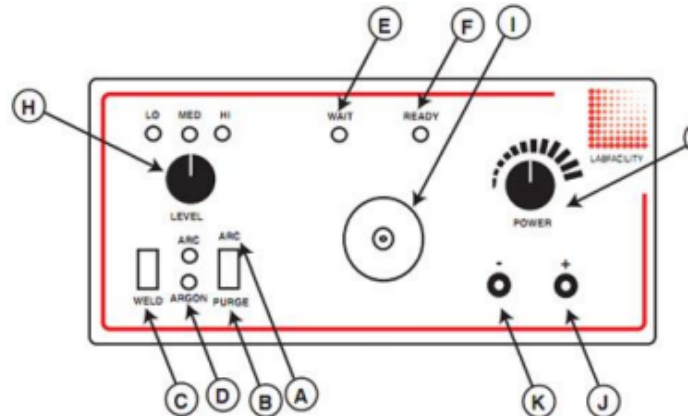
<b>Compliance/Certifications</b>	RoHS Certificate Of Compliance
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(Rear View)



## Thermocouple Welder Controls



- |   |                  |   |
|---|------------------|---|
| A | Arc              | Argon gas and weld current controlled by the "Weld" switch. LED indication                    |
| B | Purge            | Allows the gas line and electrode shield to be purged of air prior to a new welding period    |
| C | Weld Switch      | Initiates a welding operation (in "arc" mode also opens the Argon valve)                      |
| D | Argon LED        | Indicates when the Argon control valve is open and gas is flowing                             |
| E | Wait LED         | Glow when weld charge is building   |
| F | Ready LED        | "Ready to Weld" indication  |
| G | Power            | Rotary control of the capacitor charge voltage  |
| H | Level Selector   | Selects the total capacitance available giving the following values with LED indication       |
|   |                  | "LO" = 0 to 6 Joules  |
|   |                  | "MED" = 0 to 28 Joules  |
|   |                  | "HI" = 0 to 64 Joules   |
| I | Electrode Holder | Holds the replaceable carbon electrode which is accessible by removing the outer Argon Shield |
| J | Red Socket       | Output socket for using the pliers supplied   |
| K | Black Socket     | Output socket, this provides an additional earth  |

	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
<b>Extension:</b>						
KX	7/0.2mm	+Green/-White	Green	10 metres	70657084	<b>827-5615</b>
KX	7/0.2mm	+Green/-White	Green	25 metres	70641729	<b>236-3820</b>
KX	7/0.2mm	+Green/-White	Green	50 metres	70657085	<b>827-5619</b>
KX	7/0.2mm	+Green/-White	Green	100 metres	70646156	<b>611-7889</b>
KX	7/0.2mm	+Green/-White	Green	200 metres	70657088	<b>827-5628</b>
KX	13/0.2mm	+Green/-White	Green	25 metres		<b>827-5883</b>
KX	13/0.2mm	+Green/-White	Green	50 metres		<b>827-5892</b>
KX	23/0.2mm	+Green/-White	Green	25 metres		<b>827-5895</b>
EX	7/0.2mm	+Purple/-White	Purple	10 metres		<b>136-5863</b>
EX	7/0.2mm	+Purple/-White	Purple	25 metres		<b>136-5864</b>
JX	7/0.2mm	+Black/-White	Black	10 metres	70641640	<b>219-4753</b>
JX	7/0.2mm	+Black/-White	Black	25 metres	70657078	<b>827-5592</b>
JX	7/0.2mm	+Black/-White	Black	50 metres	70657079	<b>827-5596</b>
JX	7/0.2mm	+Black/-White	Black	100 metres	70641737	<b>236-3915</b>
JX	7/0.2mm	+Black/-White	Black	200 metres	70657081	<b>827-5606</b>
TX	7/0.2mm	+Brown/-White	Brown	10 metres	70641637	<b>219-4703</b>
TX	7/0.2mm	+Brown/-White	Brown	25 metres	70641734	<b>236-3870</b>
TX	7/0.2mm	+Brown/-White	Brown	50 metres	70657095	<b>827-5653</b>
TX	7/0.2mm	+Brown/-White	Brown	100 metres	70651749	<b>762-1146</b>

TX	7/0.2mm	+Brown/-White	Brown	200 metres	70657098	<b>827-5662</b>
TX	13/0.2mm	+Brown/-White	Brown	25 metres		<b>827-5899</b>
NX	7/0.2mm	+Pink/-White	Pink	10 metres	70641635	<b>219-4668</b>
NX	7/0.2mm	+Pink/-White	Pink	25 metres	70657091	<b>827-5637</b>
NX	7/0.2mm	+Pink/-White	Pink	50 metres	70657089	<b>827-5631</b>
NX	7/0.2mm	+Pink/-White	Pink	100 metres	70657092	<b>827-5640</b>

	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
<b>Compensating:</b>						
VX (KCB)	7/0.2mm	+Green/-White	Green	10 metres	70657082	<b>827-5609</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	25 metres	70641629	<b>219-4551</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	50 metres	70657080	<b>827-5603</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	100 metres	70641630	<b>219-4573</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	200 metres	70657083	<b>827-5612</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	10 metres	70657086	<b>827-5621</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	25 metres	70657087	<b>827-5625</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	50 metres	70657090	<b>827-5634</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	100 metres	70651750	<b>762-1152</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	10 metres	70657096	<b>827-5656</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	25 metres	70646158	<b>611-7902</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	50 metres	70657097	<b>827-5659</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	10 metres	70641641	<b>219-4769</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	25 metres	70657093	<b>827-5643</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	50 metres	70657094	<b>827-5647</b>