

## FEATURES

- Twisted cores & screened construction for reduced electrical noise
- 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 J, 100m

RS Stock No.: 611-7918



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>	J
<b>Screened/Unscreened</b>	Screened
<b>Insulation Material</b>	Mylar
<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>	100m
<b>Core Strands</b>	7/0.2mm

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

## Operation Environment Specifications

Minimum Operating Temperature	-10°C
Maximum Operating Temperature	105°C

## Approvals

Compliance/Certifications	RoHS Certificate Of Compliance
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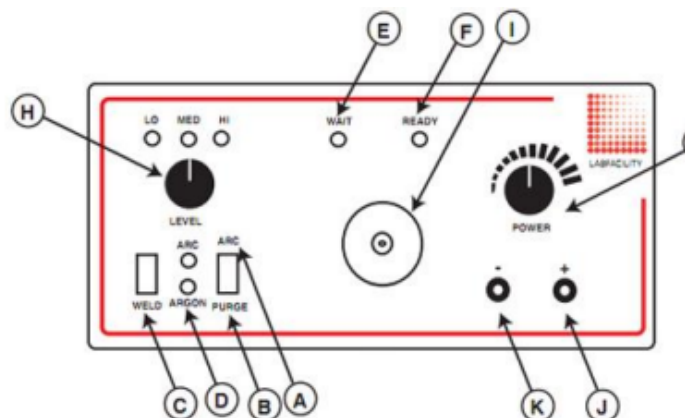




(Rear View)



## 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

T/C Type	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
<b>Extension:</b>						
KX	7/0.2mm	+Green/-White	Green	10 M	70657103	<b>827-5678</b>
KX	7/0.2mm	+Green/-White	Green	25 M	70641733	<b>236-3864</b>
KX	7/0.2mm	+Green/-White	Green	50 M	70657101	<b>827-5671</b>
KX	7/0.2mm	+Green/-White	Green	100 M	70646157	<b>611-7895</b>
KX	7/0.2mm	+Green/-White	Green	200 M	70657102	<b>827-5675</b>
JX	7/0.2mm	+Black/-White	Black	10 M	70657099	<b>827-5665</b>
JX	7/0.2mm	+Black/-White	Black	25 M	70641738	<b>236-3921</b>
JX	7/0.2mm	+Black/-White	Black	50 M	70657100	<b>827-5669</b>
JX	7/0.2mm	+Black/-White	Black	100 M	70646159	<b>611-7918</b>
TX	7/0.2mm	+Brown/-White	Brown	10 M	70657105	<b>827-5684</b>
TX	7/0.2mm	+Brown/-White	Brown	25 M	70651747	<b>762-1140</b>
TX	7/0.2mm	+Brown/-White	Brown	50 M	70657106	<b>827-5687</b>
TX	7/0.2mm	+Brown/-White	Brown	100 M	70651752	<b>762-1159</b>
TX	7/0.2mm	+Brown/-White	Brown	200 M	70657104	<b>827-5681</b>
NX	7/0.2mm	+Pink/-White	Pink	25 M	70657172	<b>827-5909</b>
RS007/0816						

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