

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, 25m

RS Stock No.: 236-3921



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

Thermocouple Type	J
Screened/Unscreened	Unscreened
Insulation Material	PVC
Cable Shape	Multicore
Number Of Strands	7
Standards Met	IEC584
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

Electrical Specifications

Power Consumption Max	170VA dropping to 20VA during charging
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Mechanical Specifications

Length	25m
Core Strands	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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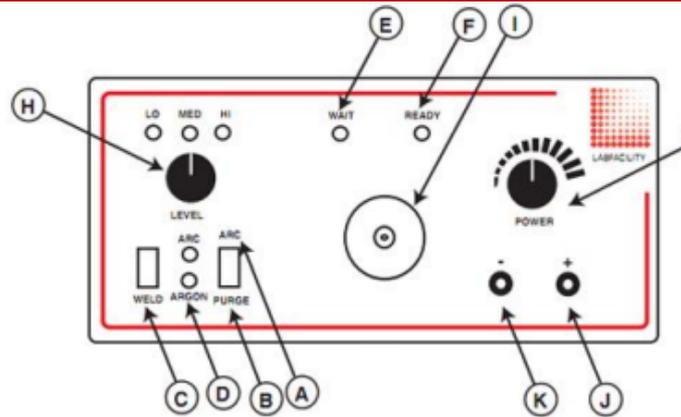




(Rear View)



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 Glows 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
Extension:						
KX	7/0.2mm	+Green/-White	Green	10 M	70657103	827-5678
KX	7/0.2mm	+Green/-White	Green	25 M	70641733	236-3864
KX	7/0.2mm	+Green/-White	Green	50 M	70657101	827-5671
KX	7/0.2mm	+Green/-White	Green	100 M	70646157	611-7895
KX	7/0.2mm	+Green/-White	Green	200 M	70657102	827-5675
JX	7/0.2mm	+Black/-White	Black	10 M	70657099	827-5665
JX	7/0.2mm	+Black/-White	Black	25 M	70641738	236-3921
JX	7/0.2mm	+Black/-White	Black	50 M	70657100	827-5669
JX	7/0.2mm	+Black/-White	Black	100 M	70646159	611-7918
TX	7/0.2mm	+Brown/-White	Brown	10 M	70657105	827-5684
TX	7/0.2mm	+Brown/-White	Brown	25 M	70651747	762-1140
TX	7/0.2mm	+Brown/-White	Brown	50 M	70657106	827-5687
TX	7/0.2mm	+Brown/-White	Brown	100 M	70651752	762-1159
TX	7/0.2mm	+Brown/-White	Brown	200 M	70657104	827-5681
NX	7/0.2mm	+Pink/-White	Pink	25 M	70657172	827-5909

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T/C Type	Conductors	Cores	Jacket	Reel Length	Allied Code	RS order code
Compensating:						
VX (KCB)	7/0.2mm	+Green/-White	Green	10 M	70657107	827-5690
VX (KCB)	7/0.2mm	+Green/-White	Green	25 M	70641740	236-3959
VX (KCB)	7/0.2mm	+Green/-White	Green	50 M	70657108	827-5693
VX (KCB)	7/0.2mm	+Green/-White	Green	100 M	70646160	611-7924
VX (KCB)	7/0.2mm	+Green/-White	Green	200 M	70657109	827-5697