

## FEATURES

- Supplied with high temperature adhesive kapton strips
- Bare wire termination
- Thermocouple to ANSI MC96.1

# ANSI TYPE K 'COPPER DISC' FINE WIRE THERMOCOUPLE PFA TWIN TWSITED CABLE 1/0.2MM WITH BARE WIRE TERMINATION 2m

RS Stock No.: 2318489



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

*Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids, steam, gasses etc.*

## General Specifications

|                                      |  |
|--------------------------------------|--|
| <b>Thermocouple Type</b>             | Type K   |
| <b>Temperature Measurement Range</b> | -0°C to 200°C  |
| <b>Construction</b>                  | Fast response, welded exposed junction   |
| <b>Measuring Junction</b>            | Copper disc, 6.35mm diameter x 0.3mm thick   |
| <b>Standards Met</b>                 | ANSI MC96.1  |
| <b>Accessory's</b>                   | Supplied with high temperature adhesive kapton strips (13x18mm x 5) for quick and easy attachment to surface/process |
| <b>Application</b>                   | Ideal for test & development applications  |

## Mechanical Specifications

|                         |             |
|-------------------------|-------------|
| <b>Termination Type</b> | Bare Tails  |
| <b>Cable Length</b>     | 2m          |
| <b>Cable Insulation</b> | PFA 1/0.2mm |















## Approvals



|                                  |                |
|----------------------------------|----------------|
| <b>Compliance/Certifications</b> | RoHS Compliant |
|----------------------------------|----------------|

## Similar Products Range

| Termination    | 1m      | 2m      | 5m      |
|----------------|---------|---------|---------|
| Miniature Plug | 2318485 | 2318486 | 2318487 |
| Bare Tails     | 2318488 | 2318489 | 2318490 |

RS Components is a leading provider for Automation and Control Gear, below is a selection of best selling products:

|  |  |   |
|--|--|---|
| <p style="text-align: center;"><b>rspro.com</b></p>  <p style="text-align: center;"><b>Temperature.<br/>It matters</b></p>   | <p style="text-align: center;"><b>Calibration</b></p> <p>Whether it's existing equipment or a new purchase, you need to have confidence in the accuracy of your measurements.</p> <p>That's where our calibration service can help.</p> <p>Purchase new products with confidence.</p> <p>A certificated calibrated sensor straight out of the box, ready to use.</p>  <p style="text-align: center;"><b>RTD Detectors</b></p> <p>Wire-wound type provides greater accuracy and stability but are vulnerable to shock.</p> <p>Flat film type are resistant to shock and have quicker thermal response times.</p> <p>Various lengths and diameters available, in class A, B and 1/10th Din.</p> | <p style="text-align: center;"><b>Best Sellers</b> </p>  <p><b>ANSI SYSCAL Type K Mineral Insulated Thermocouple</b><br/>RS 181-7296</p>  <p><b>IEC SYSCAL Type K Mineral Insulated Thermocouple</b><br/>RS 181-7288</p>  <p><b>IEC SYSCAL Type J Mineral Insulated Thermocouple</b><br/>RS 181-7305</p>   |
|  <p style="text-align: center;"><b>Exposed Junction Thermocouples</b></p> <p>Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and development applications.<br/>1, 2, 3, 5 &amp; 10m lengths available in IEC or ANSI colours.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="528 1406 815 1570"> <p style="text-align: center;"><b>Best Sellers</b> </p>  <p><b>ANSI Type K Exposed Junction</b><br/>RS 814-0134<br/>Allied 70656459</p> </div> <div data-bbox="528 1581 815 1693"> <p><b>ANSI Type K High Temp Exposed Junction</b><br/>RS 131-4749<br/>Allied 71080908</p> </div> <div data-bbox="528 1704 815 1816"> <p><b>IEC Type K Exposed Junction</b><br/>RS 363-0250<br/>Allied 70643600</p> </div> </div> |  <p style="text-align: center;"><b>Fabricated and Specialist Thermocouples</b></p> <p>Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet &amp; Bolt thermocouple. Various lengths and calibration types available.</p>  | <p style="text-align: center;"><b>Best Sellers</b> </p>  <p><b>PT1000 Thin Film Detector</b><br/>RS 362-9907<br/>Allied 70643582</p>  <p><b>PT100 Wire Wound Detector</b><br/>RS 611-7839<br/>Allied 70646151</p>  <p><b>PT100 Wire Wound Detector</b><br/>RS 362-9799<br/>Allied 70643577</p> <p style="text-align: center;"><b>Best Sellers</b> </p>  <p><b>Magnet Thermocouple</b><br/>RS 762-1115<br/>Allied 70651739</p>  <p><b>Heavy Duty Thermocouple</b><br/>RS 762-1128<br/>Allied 70651743</p>  <p><b>Rubber Patch Thermocouple</b><br/>RS 290-5036<br/>Allied 70642886</p> |

|  |  |   |  |
|--|--|---|--|
|  <p><b>Thermocouple &amp; PRT Cable</b></p> <p>Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC &amp; Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.</p> | <p><b>Best Sellers</b> </p> <p><b>IEC PVC Insulated Flat Pair</b><br/>RS 219-4573<br/>Allied 70641630</p> <p><b>ANSI PFA Insulated Twin Twisted</b><br/>RS 814-0030<br/>Allied 70656106</p> <p><b>IEC Glassfibre Insulated Flat Pair</b><br/>RS 236-3836<br/>Allied 70641730</p> |  <p><b>Thermocouple Connectors</b></p> <p>Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI &amp; JIS colour codes available.</p> | <p><b>Best Sellers</b> </p> <p><b>IEC Thermocouple Plug</b><br/>RS 455-9764<br/>Allied 70644391</p> <p><b>ANSI Thermocouple Socket</b><br/>RS 769-1127<br/>Allied 70652125</p> <p><b>IEC Thermocouple PCB Socket</b><br/>RS 381-7570<br/>Allied 70643749</p> |
|--|--|---|--|

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|  |   |  |  |
|--|---|--|--|
|  <p><b>Mineral Insulated Thermocouples</b></p> <p>Available in various calibration types with a variety of terminations. These include; Thermocouple plugs, Terminal heads and Thermocouple cable</p> | <p><b>Best Sellers</b> </p> <p><b>IEC Thermocouple with PTFE Cable</b><br/>RS 397-1236<br/>Allied 70643843</p> <p><b>IEC Thermocouple with Mini Plug</b><br/>RS 397-1488<br/>Allied 70643863</p> <p><b>ANSI Thermocouple with PFA Cable</b><br/>RS 847-1019<br/>Allied 70658112</p> |  <p><b>NEW PRODUCTS</b></p> <p>RS PRO, the own brand of RS Components, offers an unbeatable range of products across all industries with quality you can trust.</p> <p>New products are constantly added to improve the offering of our product range.</p> | <p><b>NEW PRODUCTS</b> </p> <p><b>Brake Pad Temp Sensor</b><br/>RS 200-0601<br/>Allied 72173869</p> <p><b>RTD Temp Sensor Hirschmann Style</b><br/>RS 200-0594<br/>Allied 72173862</p> <p><b>Washer Thermocouple</b><br/>RS 200-0616<br/>Allied 72173882</p> |
|  <p><b>Sensors with Industrial Terminal Heads</b></p> <p>Industrial sensors housed in a stainless steel sheath and terminal head protection to IP67. Available as a thermocouple or Pt100.</p>      | <p><b>Best Sellers</b> </p> <p><b>Type K 300mm Long</b><br/>RS 787-7829<br/>Allied 70653306</p> <p><b>Type K 200mm Long</b><br/>RS 787-7816<br/>Allied 70653303</p> <p><b>Type K 100mm Long</b><br/>RS 787-7804<br/>Allied 70653235</p>   | <p><a href="http://www.rspro.com">www.rspro.com</a></p>  <p><a href="http://www.alliedelec.com">www.alliedelec.com</a></p>   |  |

**Best Sellers**

**L60 Fine Wire Thermocouple Welder**

The Thermocouple Welder is a compact, simple-to-use instrument designed for thermocouple and fine wire welding. Supplied with foot switch, spare electrodes, pliers & safety glasses, impact clip and pen plate.

**L60 Fine Wire Thermocouple Welder**

RS 363-0351  
Allied 70825788