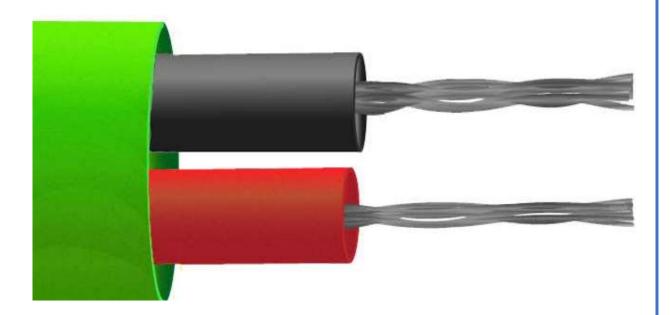


ANSI Type U PVC Insulated Flat Pair Thermocouple Cable / Wire



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

Labfacility have supplied Farnell for over 30 years, and an extensive range of our products are available to buy online, from stock, direct from Farnell.

Datasheet



Specifications

Cable type	PVC insulated flat pair		
Cable length	25 metres		
Thermocouple Type	U (RSA) Cu/CuNi compensating for R & S Thermocouples		
Number of cores	2		
Construction	Cores laid flat with overall jacket		
Conductor wire size	13/0.2mm		
Conductor cross section (mm²)	0.408		
Tolerance	Class 2		
Loop resistance	0.1		
(Ohms Ω per combined metre)			
Copper drain wire	No		
Screen	No		
Core insulation	PVC		
Core insulation colour (+ Pos)	Black		
Core insulation colour (-Neg)	Red		
Overall jacket insulation	PVC		
Overall jacket colour	Green		
Overbraiding	No		
Min. Temperature	-10°C		
Max. Temperature	+105°C		
Standards met (colour code)	ANSI MC96.1		
Standards met (wire tolerance)	IEC 60584:3		

Ordering Information

Туре	Colour Code	Cable Style	Strand Size	Length	Manufacturers Code	Farnell Order Code
U	ANSI	PVC FLAT PAIR	13/0.2mm	25m (82ft)	WU-100-ANSI	3582385

TC Cable - 10 Nov-23



Thermocouple & PRT Cable

Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC &

Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.

Best Sellers



ANSI PTFE Insulated Twin Twisted Farnell 2443696 Newark 73AC8304

ANSI PFA Insulated Twin Twisted Farnell 2443711 Newark 73AC8297

Fabricated and Specialist Thermocouples

Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet & Bolt thermocouple. Various lengths and calibration types available.

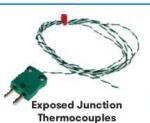
Best Sellers



Washer Thermocouple Farnell 8597952 Newark 38K1555

Bayonet Thermocouple Farnell 2785115 Newark 37AC0993

> Magnet Thermocouple Farnell 2081298 Newark 88T2877



Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and

development applications. 1, 2, 3, 5 & 10m lengths available in IEC or ANSI colours.

Best Sellers



Farnell 2443720 Newark 84X0232

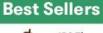
IEC Type T Exposed Junction Farnell 7076186 Newark 68C2613





Thermocouple Connectors

Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI & JIS colour codes available.





IEC Thermocouple PCB Socket Farnell 2347056 **Newark 06X5514**



IEC Thermocouple Plug Farnell 7086362

Newark 67C1559



ANSI Thermocouple Socket

> Farnell 2347121 Newark 06X4819



RTD Detectors

Wire-wound type provides greater accuracy and stability but are vulnerable to shock.

Flat film type are resistant to shock and have quicker thermal response times.

Various lengths and diameters available, in class A, B and 1/10th Din.

Best Sellers



Film Detector Farnell 8598550 Newark 38K0883

PT100 Wire **Wound Detector**

Farnell 2770776 Newark 25AC2608

PT100 Class A Thin Film Detector Farnell 8598525

Newark 38K0885

Mineral Insulated Thermocouples

Available in various calibration types with a variety of terminations.

These include; Thermocouple plugs, Terminal heads and Thermocouple cable.

Best Sellers



ANSI Thermocouple Farnell 2420317 Newark 53X3217

IEC Thermocouple with Mini Plug Farnell 4248338

Newark 19J1166

IEC Melt Bolt Thermocouple Farnell 2816490 Newark 44AC8638



Pt100 Heavy Duty Sensor Probe Farnell 8598096 Newark 38K0974



Pt100 Sensor in Stainless Steel Tube with Teflon Lead Farnell 2420300 Newark 53X3459

Pt100 Outdoor/ Cold Store Temperature Sensor

Farnell 2816462 Newark 44AC8648



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.

Best Sellers







L60+ Thermocouple & Fine Wire Welder and accessories Farnell 2897470 Newark 62AC8741

applications and styles, available in class A or B.

Resistance Thermometer

Detectors (RTD) / Platinum

Resistance Thermometers (PRT)

To suit a wide range of

TC Cable - 10

Nov-23