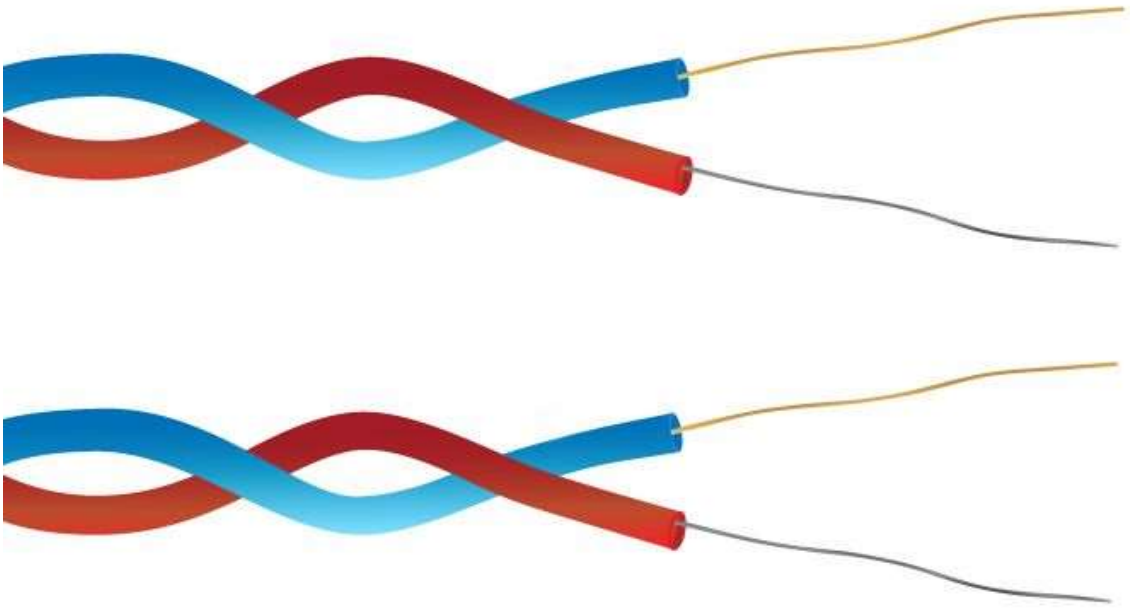
ANSI Type T PFA Insulated Twin Twisted Pair Thermocouple Cable / Wire



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

PFA Teflon® twin twisted pair for extending or making simple thermocouples. PFA Teflon® has a good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids, gasses, steam & pressure.

Specifications

General Description	Resistant to oils, acids other adverse agents and fluids. Good mechanical strength and flexibility.
Cable Length	25m, 50m, 100m
Cable Type	Single pair of PFA insulated conductors twisted together
Core / Strands	1/0.2mm, 1/0.3mm
Conductor Cross Section 1/0.2 (mm2)	0.032
Conductor Cross Section 1/0.315 (mm2)	0.078
+ Colour	Blue
- Colour	Red
Drain Wire	No
Insulation Material	PFA Teflon®
Loop Resistance 1/0.2 (Ohms per combined metre)	16.2
Loop Resistance 1/0.315 (Ohms per combined metre)	6.5
Max. Temperature	+260°C
Min. Temperature	-75°C
+ Conductor	Copper
- Conductor	Constantan
Screen	No
Standards Met	Colour code (cores & jacket) to ANSI MC96.1
Thermocouple Type	T
Tolerance	Class 1

Ordering Information

Type	Colour Code	Cable Style	Strand Size	Length	Manufacturers Code	Farnell Order Code
T	ANSI	PFA TWIN TWISTED	1/0.2mm	25m (82ft)	WT-304-ANSI	2443709
T	ANSI	PFA TWIN TWISTED	1/0.2mm	50m (164.1ft)	WT-304-ANSI	2443710
T	ANSI	PFA TWIN TWISTED	1/0.2mm	100m (328.1ft)	WT-304-ANSI	2443711
T	ANSI	PFA TWIN TWISTED	1/0.3mm	25m (82ft)	WT-306-ANSI	2443706
T	ANSI	PFA TWIN TWISTED	1/0.3mm	50m (164.1ft)	WT-306-ANSI	2443707
T	ANSI	PFA TWIN TWISTED	1/0.3mm	100m (328.1ft)	WT-306-ANSI	5117390



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



IEC PVC Insulated Flat Pair
Farnell 7082319
Newark 69C6504



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



Exposed Junction Thermocouples

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



ANSI Type K Exposed Junction
Farnell 2443720
Newark 84X0232



IEC Type T Exposed Junction
Farnell 7076186
Newark 68C2613



IEC Type K Exposed Junction
Farnell 4100748
Newark 15J1022



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.

Best Sellers



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



PT1000 Thin 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



Resistance Thermometer Detectors (RTD) / Platinum Resistance Thermometers (PRT)

To suit a wide range of applications and styles, available in class A or B.

Best Sellers



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