LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

IEC Type T PTFE Single Shot 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

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Specifications

General Description	Unique single shot cable construction Resistant to chemicals, oils and fluids. Suitable for aerospace applications and is wildly used in autoclaves.
Cable Length	10, 25, 50, 100M
Cable Type	PTFE
Core / Strands	1/0.376mm
Colour	Brown
Max. Temperature	+250°C
Min. Temperature	-75°C
Standards Met	IEC-584-3
Thermocouple Type	T

Ordering Information

Type	Colour Code	Cable Style	Strand Size	Length	Manufacturers Code	Farnell Order Code
T	IEC	PTFE SINGLE SHOT	1/0.376mm	10m (32.8ft)	WT-314-D	3582382
T	IEC	PTFE SINGLE SHOT	1/0.376mm	25m (82ft)	WT-314-D	3582381
T	IEC	PTFE SINGLE SHOT	1/0.376mm	50m (164.1ft)	WT-314-D	3582383
T	IEC	PTFE SINGLE SHOT	1/0.376mm	100m (328.1ft)	WT-314-D	3582384

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.

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.

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.

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.

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.

PT1000 Thin Film Detector
Farnell 8598550
Newark 38K0883

PT100 Wire Wound Detector
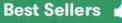Farnell 2770776
Newark 25AC2608

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.

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.

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.

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