

Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.



## Datasheet

## Type T PTFE Insulated Twin Twisted Pair Thermocouple Cable / Wire (IEC)

PTFE insulated twin twisted pair. PTFE has a good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids.

Specifications

## **Specifications**

General Description	Resistant to oils, acids adverse agents and fluids. Good mechanical strength and flexibility.
Cable Length	10m, 25m, 50m, 100m
Cable Type	Twin twisted pair for extending or making simple thermocouples
Core / Strands	1/0.2mm , 1/0.315mm, 7/0.2mm
Conductor Cross Section 1/0.2 (mm2)	0.032
Conductor Cross Section 1/0.315 (mm2)	0.078
Conductor Cross Section 7/0.2 (mm2)	0.219
+ Colour	Brown
- Colour	White
Drain Wire	No
Insulation Material	PTFE insulated



Loop Resistance 1/0.2 (Ohms	16.2
per combined metre)	
Loop Resistance 1/0.315 (Ohms	6.5
per combined metre)	
Loop Resistance 7/0.2 (Ohms	2.3
per combined metre)	
Max. Temperature	+260°C
Min. Temperature	-75°C
+ Conductor	Copper
- Conductor	Constantan
	Constantan
Screen	No
Standards Met	Colour code (cores & jacket) to IEC-584-3
Thermocouple Type	Т
Tolerance	Class 1