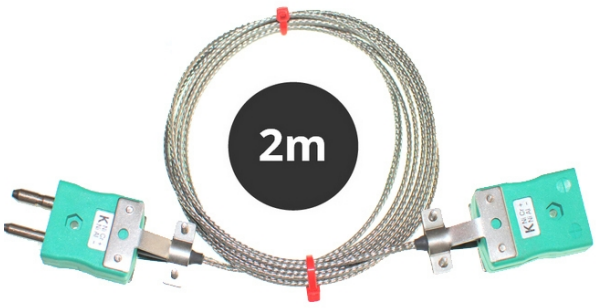
LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Type K Glassfibre Thermocouple Extension Leads with Standard Plug & Sockets (IEC)





TYPE-K (IEC)



TYPE-K

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.

LABFACILITY
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Datasheet

Cable Description

Glassfibre insulated extension cable with stainless steel overbraiding

Thermocouple type K in lengths 2 or 5 metre

7/0.2mm stranded conductors

Glassfibre insulated flat pair construction, conductors laid flat, Glassfibre insulated with Glassfibre jacket, silicone -varnished throughout + stainless steel overbraid for added protection and mechanical strength

Good temperature resistance but not suitable where fluids are present

Cable clamp fitted for securing cable to plugs

Tolerance Class 2 to IEC-584

Insulation rating -60°C to 350°C (short periods up to 400°C)

Colour code (cores & jacket) to IEC-584-3

Connector Description

All contacts are polarised to ensure correct connection

Cable clamp available for securing cable to plugs

Type K contacts are made from true Thermocouple alloys

Colour coded in accordance with IEC specification

Maximum continuous operating temperature 220°C

Specifications

General Description	Good strength to physical disturbance and high temperature (up to 400°C). Will not prevent ingress of fluids.
Cable Length	2M or 5M
Cable Type	Flat pair cable
Connector Type	Thermocouple Plugs & Sockets
Connector Size	Standard
Core / Strands	7/0.2mm

Conductor Cross Section 7/0.2 (mm2)	0.219
Outer Colour	Silver
Loop Resistance 7/0.2 (Ohms per combined metre)	4.5
Max. Temperature	+350°C (short periods up to 400°C)
Min. Temperature	-60°C
+ Conductor	Nickel Chromium
- Conductor	Nickel Aluminium
Screen	Yes
Screen Type	Stainless Steel Ovrbraid
Standards Met	Colour code (cores & jacket) to IEC-584-3
Thermocouple Type	K
Tolerance	Class 2