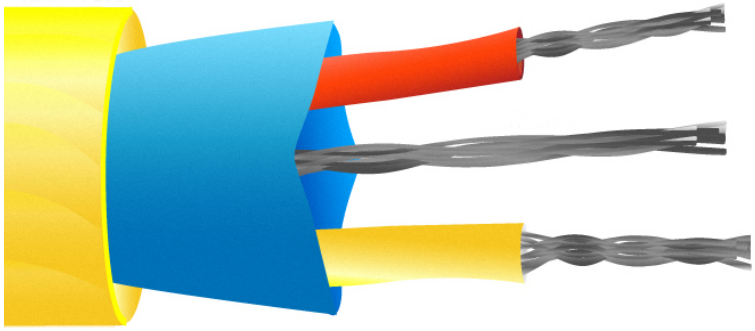
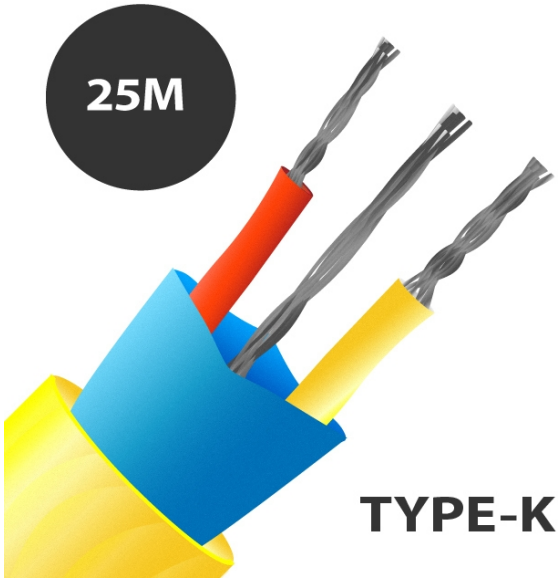
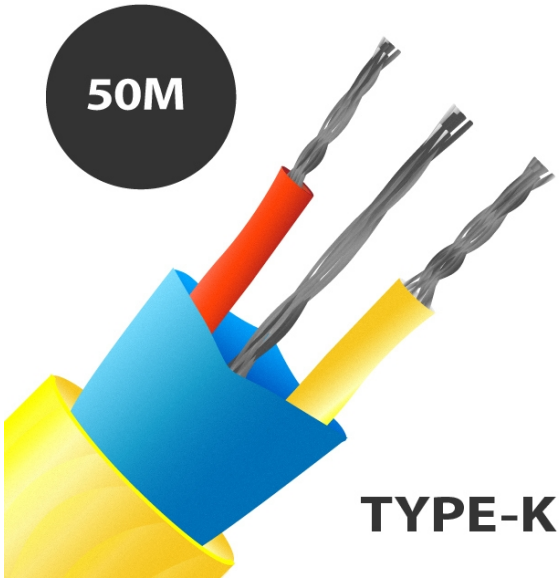
Type K PVC Insulated Mylar Screened Thermocouple Cable / Wire (ANSI)









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.

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Datasheet

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Compensating cable resembles the thermoelectric characteristic of the relevant thermocouple over a limited ambient temperature range, 0° to 80°C typically. Since these cables are made from low cost materials, cost savings can be achieved on plant installations compared with running true thermocouple extension cable.

Specifications

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General Description	Good general purpose insulation for 'light' environments. Waterproof and very flexible.
Cable Length	10, 25, 50, 100 & 200m
Cable Type	Twisted cores & screened construction for reduced electrical noise
Core / Strands	7/0.2mm
Conductor Cross Section 7/0.2 (mm2)	0.219
Outer Colour	Yellow
+ Colour	Yellow
- Colour	Red
Drain Wire	Yes
Insulation Material	PVC Insulated
Loop Resistance 7/0.2 (Ohms per combined metre)	4.5
Max. Temperature	+105°C
Min. Temperature	-10°C

+ Conductor	Nickel Chromium
- Conductor	Nickel Aluminium
Screen	Mylar Screened
Standards Met	Colour code (cores & jacket) to ANSI MC96.1
Thermocouple Type	K
Tolerance	Class 2