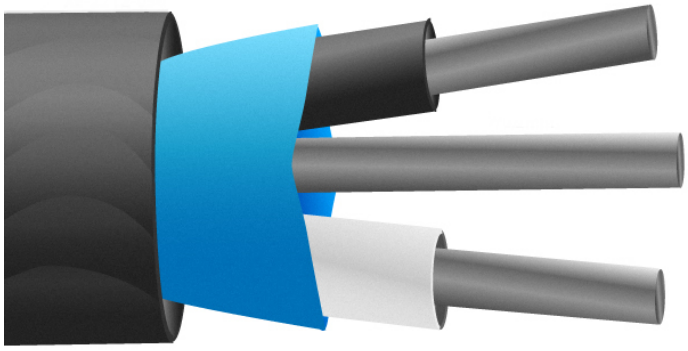
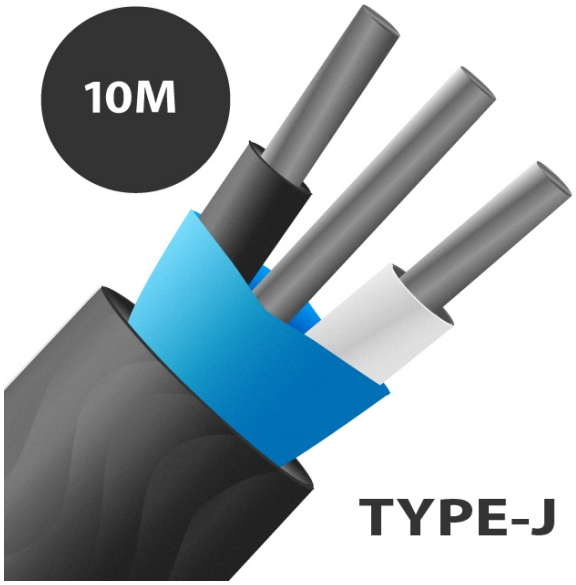
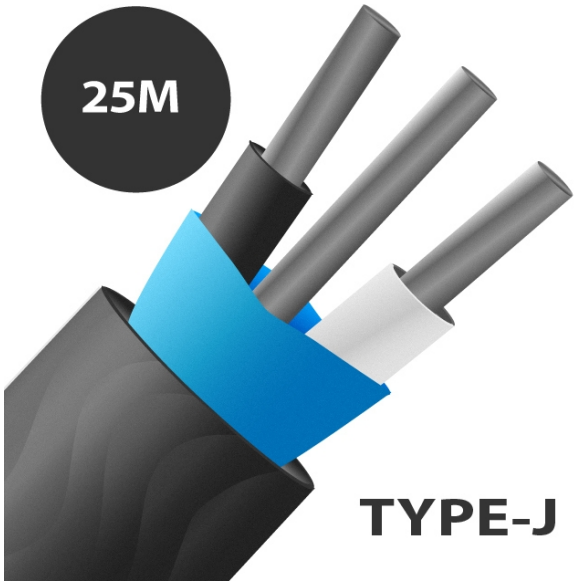
Type J PVC Insulated Mylar Screened Thermocouple Cable / Wire (IEC)









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

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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.

Buy direct from Labfacility in reel lengths up to 200 m
For longer lengths, you can order 300m and 500m reels from Farnell, click the Farnell logo on the product page to see buying options.

Specifications

General Description	Good general purpose insulation for 'light' environments. Waterproof and very flexible.
Cable Length	10, 25, 50, 100m
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	Black
+ Colour	Black
- Colour	White
Drain Wire	Yes
Insulation Material	PVC Insulated with a mylar screen
Loop Resistance 7/0.2 (Ohms per combined metre)	2.7
Max. Temperature	+105°C
Min. Temperature	-10°C

+ Conductor	Iron
- Conductor	Constantan
Screen	Yes
Screen Type	Mylar
Standards Met	Colour code (cores & jacket) to IEC-584-3
Thermocouple Type	J
Tolerance	Class 2