

## **Type J PTFE Insulated Twin Twisted Pair Thermocouple Cable / Wire (IEC) - 1/0.508mm Strand**



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.

### Type J 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

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|                                                              |                                                                                               |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>General Description</b>                                   | Resistant to oils, acids adverse agents and fluids. Good mechanical strength and flexibility. |
| <b>Cable Length</b>                                          | 10m, 25m, 50m, 100m, 200m                                                                     |
| <b>Cable Type</b>                                            | Twin twisted pair for extending or making simple thermocouples                                |
| <b>Core / Strands</b>                                        | 1/0.508mm                                                                                     |
| <b>Conductor Cross Section<br/>1/0.508 (mm<sup>2</sup>)</b>  | 0.203                                                                                         |
| <b>+ Colour</b>                                              | Black                                                                                         |
| <b>- Colour</b>                                              | White                                                                                         |
| <b>Drain Wire</b>                                            | No                                                                                            |
| <b>Insulation Material</b>                                   | PTFE insulated                                                                                |
| <b>Loop Resistance 1/0.508 (Ohms<br/>per combined metre)</b> | 3.0                                                                                           |
| <b>Max. Temperature</b>                                      | 260°C                                                                                         |
| <b>Min. Temperature</b>                                      | -75°C                                                                                         |
| <b>+ Conductor</b>                                           | Iron                                                                                          |
| <b>- Conductor</b>                                           | Constantan                                                                                    |
| <b>Screen</b>                                                | No                                                                                            |



|                   |                                           |
|-------------------|-------------------------------------------|
| Standards Met     | Colour code (cores & jacket) to IEC-584-3 |
| Thermocouple Type | J                                         |
| Tolerance         | Class 1                                   |