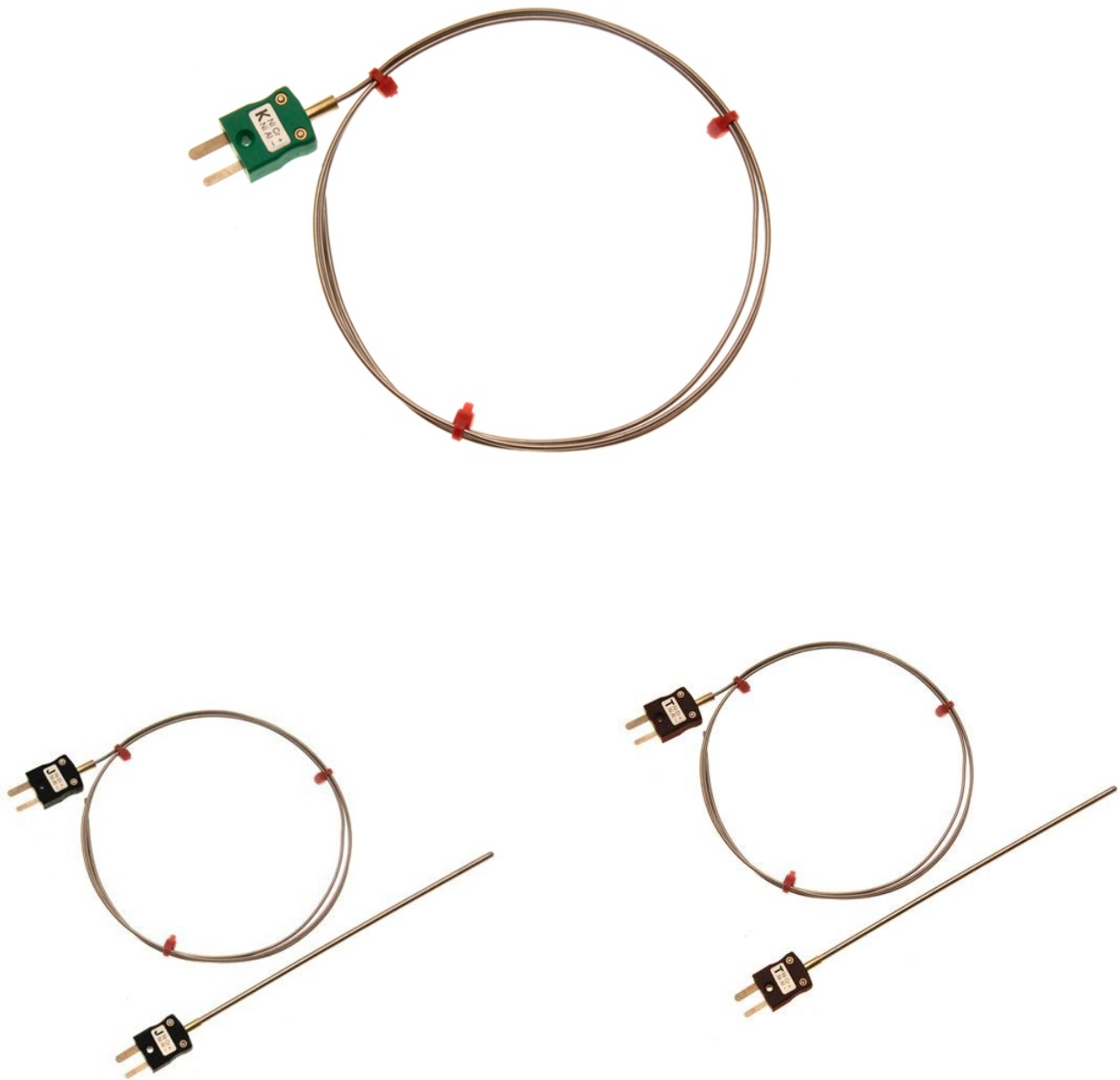


## Mineral Insulated Thermocouple with Miniature Plug IEC - Types K,J,T,N



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.

## Specifications

|                             |  |
|-----------------------------|--|
| <b>General Description</b>  | Highly flexible, sheath can be bent/formed to suit many applications and processes   |
| <b>Sensor Type</b>          | Mineral Insulated  |
| <b>Thermocouple Type</b>    | K, J, T & N  |
| <b>Element/hot junction</b> | Single element, junction insulated from sheath (offers protection against spurious electrical signals)                           |
| <b>Probe Diameter</b>       | 1.0, 1.5, 2.0 & 3.0mm  |
| <b>Probe Length</b>         | 150, 250, 500 & 1000mm   |
| <b>Sheath Material</b>      | K - Stainless steel 310, J - Stainless steel 321, T - Stainless steel 316, N - Nicrosil  |
| <b>Termination Type</b>     | Miniature flat pin plug, colour coded in accordance IEC 584  |
| <b>Max. Temperature</b>     | K +1100°C for 1.5 & 3.0mm diameters +750°C for 1.0mm diameter, J +760°C, T +400°C, N +1300°C. Plug Max. temperature range: 200°C |
| <b>Min. Temperature</b>     | K -40°C, J -100°C, T -100°C, N -100°C  |
| <b>Standards Met</b>        | IEC 584  |
| <b>Connector Type</b>       | Plug   |
| <b>Connector Size</b>       | Miniature  |
| <b>Colour</b>               | K - Green, J - Black, T - Brown, N - Pink  |