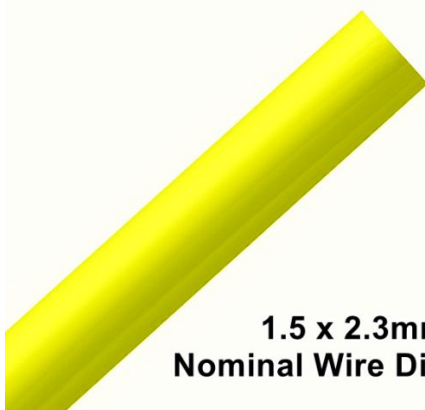


## ANSI Hermetically Sealed Wire Thermocouple - Type J with Miniature Plug Termination - 5M



### Hermetically Sealed Tip



**1.5 x 2.3mm  
Nominal Wire Diameter**

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.

Hermetically sealed airtight tip

Suitable for insertion into liquids

Oil & Chemical resistant PFA insulation

For use in temperatures ranging from -75 to +260 Degree C

Electrically insulated tip tested to 1.0Kv as standard (can be tested at higher voltages)

Flexible 7/0.2mm stranded conductors (24AWG)

1.5 x 2.3mm nominal wire diameter

Available with standard tails or mini thermocouple plug terminations

An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments.

This versatile multi-purpose sensor has been specifically designed for use in and to protect against corrosion in harsh or wet environments. It has a quick response time and can be easily cleaned. The impermeable PFA insulated flexible wire thermocouple provides exceptional resistance to oils, fluids, gases, and chemicals and is electrically isolated.

The thermocouple tip contains the beaded sensing connection, which is weld-sealed to provide an atmosphere that is airtight and moisture-proof.

### Typical Applications

Pharmaceutical, Autoclaves and Sterilisation

Food & Catering

Environmental

R & D, temperature mapping and data acquisition

### Specifications

## Specifications

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | XE-6373-001                                                                                    |
| <b>General Description</b> | An IP67 wire thermocouple that is hermetically sealed for use in corrosive or wet environments |
| <b>Sensor Type</b>         | Hermetically sealed                                                                            |

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Thermocouple Type     | J                                                              |
| Cable Length          | 5M                                                             |
| Cable Type            | PFA Flat Pair insulation                                       |
| Core / Strands        | 7/0.2mm (24AWG)                                                |
| Termination Type      | Miniature flat pin plug colour coded in accordance ANSI MC96.1 |
| Max. Temperature      | +260°C                                                         |
| Min. Temperature      | -75°C                                                          |
| Tolerance             | Class 1                                                        |
| Standards Met         | ANSI MC96.1                                                    |
| IP Rating             | IP67                                                           |
| Important Information | Pressure tested at 40 PSI as standard                          |