

**JIS Exposed Junctions Twin Twisted PFA Cable
7/0.2mm Bare Tails Type K 2M (6.56Ft)**

XE-0534-001



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

Welded, exposed junction for fast response times. Durable construction with PFA insulation for resistance to oils, acid, fluids and good mechanical strength and flexibility.

Specifications

| | |
|--------------------------|------------------|
| Series | Exposed Junction |
| Sensor Type | Exposed |
| Thermocouple Type | JIS Type K |
| Cable Length | 2m (6.56ft) |
| Cable Type | PFA Twin Twisted |
| Core / Strands | 7/0.2mm |
| Cable Termination | Bare Tails |
| Max. Temperature | +250°C |
| Min. Temperature | -75°C |



Ordering Information

| Colour Code | Type | Style | Material | Cable Size | Termination | Length | Order Number |
|-------------|------|--------------|----------|------------|----------------|--------------|--------------|
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Bare Tails | 1m (3.3ft) | XE-0511-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Bare Tails | 2m (6.56ft) | XE-0513-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Bare Tails | 5m (16.4 ft) | XE-0516-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Bare Tails | 10m (32.8ft) | XE-0518-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Bare Tails | 1m (3.3ft) | XE-0525-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Bare Tails | 2m (6.56ft) | XE-0524-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Bare Tails | 5m (16.4 ft) | XE-0526-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Bare Tails | 10m (32.8ft) | XE-0527-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Bare Tails | 1m (3.3ft) | XE-0533-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Bare Tails | 2m (6.56ft) | XE-0534-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Bare Tails | 5m (16.4 ft) | XE-0535-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Bare Tails | 10m (32.8ft) | XE-0536-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Miniature Plug | 1m (3.3ft) | XE-0510-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Miniature Plug | 2m (6.56ft) | XE-0512-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Miniature Plug | 3m (9.84ft) | XE-0514-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Miniature Plug | 5m (16.4 ft) | XE-0515-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.2mm | Miniature Plug | 10m (32.8ft) | XE-0517-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Miniature Plug | 1m (3.3ft) | XE-0519-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Miniature Plug | 2m (6.56ft) | XE-0520-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Miniature Plug | 3m (9.84ft) | XE-0523-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Miniature Plug | 5m (16.4 ft) | XE-0521-001 |
| JIS | K | TWIN TWISTED | PFA | 1/0.3mm | Miniature Plug | 10m (32.8ft) | XE-0522-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Miniature Plug | 1m (3.3ft) | XE-0528-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Miniature Plug | 2m (6.56ft) | XE-0529-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Miniature Plug | 3m (9.84ft) | XE-0532-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Miniature Plug | 5m (16.4 ft) | XE-0530-001 |
| JIS | K | TWIN TWISTED | PFA | 7/0.2mm | Miniature Plug | 10m (32.8ft) | XE-0531-001 |



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables.

The Company has been trading since 1971 and is ISO 9001 accredited.

We're excited to make purchasing Labfacility temperature sensors even easier for you! Through our partnerships with Digikey, you now have a convenient option to access our high-quality temperature measurement products.

Digikey stock an extensive selection of our products, including thermocouples, RTDs, and Connectors, ensuring you can quickly find the specific product you need for your application. With their reliable service and global distribution networks, you can trust that your order will arrive promptly and with the highest level of care.

Please see below to see an overview of the products stocked at Digikey.

Thermocouple Connectors

A comprehensive family colour coded miniature and standard connectors, accessories, panels, terminal and barrier blocks; manufactured by Labfacility.



L60+ Thermocouple Welder

The popular and versatile thermocouple welder instrument comes complete with all accessories for use.



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Exposed Junction Thermocouples

Labfacility offer PFA, PTFE, PVC and glass fibre cables with various terminations such as a thermocouple plugs or bare wire tails.



Handheld Temperature Sensors & Probes

Handheld temperature sensors offer versatility and reliability for various applications, providing a comprehensive selection to meet diverse needs.



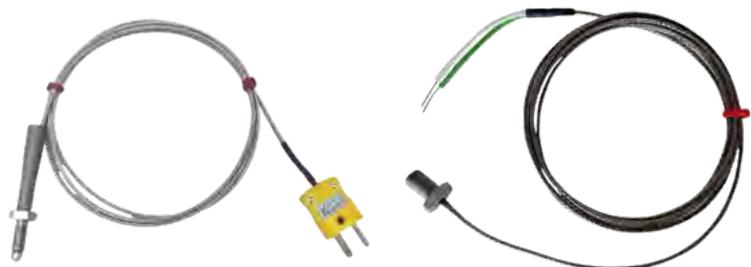
Mineral Insulated Thermocouples

Durable Mineral Insulated type thermocouples to suit a wide range of temperature measurement. Various probe types, lengths and diameters available.



Fabricated and Specialist Thermocouples

Fabricated and Specialist Thermocouples to suit a wide range of applications.



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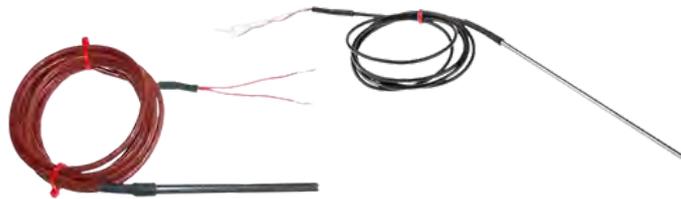
Hermetically Sealed Wire Thermocouples

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



RTD / PRT Sensors

A range of Fabricated or Specialist RTD / PRT Sensors & Detectors to suit a wide range of applications.



Thermistors Sensors

A range of 10kΩ NTC thermistor temperature sensing probes.



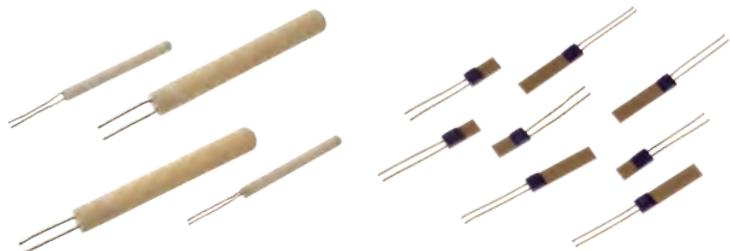
M12 Industrial Automation Sensors

An M12 industrial automation temperature sensor with a Pt100 class A 4 wire resistance thermometer detector (RTD) with a measuring range of -50 to +250°C.



RTD Detectors

A selection of Flat Film & Wirewound RTD Detectors. Various classes available.



Temperature Sensor Manufacturer

Labfacility are a leading UK Temperature Sensor Manufacturer. The Company has been trading since 1971 and is ISO 9001 accredited. We have two UK sites – West Sussex and South Yorkshire and export to over 85 countries, Shipments are made to world-wide destinations on a daily basis.

In addition to the stocked items, Labfacility also offers bespoke Temperature Sensors. We are specialists in the design and manufacture of custom-built temperature sensors at our 18,000 square foot South Yorkshire plant located in Dinnington, Sheffield, UK. We also offer a wide range of components and fittings for sensor installation.





ISO 9001

The world's most
widely recognised
Quality Management
System (QMS)

Labfacility operates to the rigorous standards of ISO 9001, the world's most widely recognised Quality Management System.

As part of the ISO 9000 family, this framework underpins Labfacility's commitment to consistently meeting customer expectations and delivering products that align with the highest quality benchmarks.

By following these established principles, Labfacility ensures its processes remain efficient, reliable, and focused on continuous improvement—reinforcing trust and confidence across its global customer base.

