

BS Type 'Kx' Glassfibre with Stainless Steel Overbraid Extension Thermocouple Cable / Wire



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.

Labfacility have supplied Farnell for over 30 years, and an extensive range of our products are available to buy online, from stock, direct from Farnell.

Datasheet



Specifications

General Description	Good temperature range but will not prevent ingress of fluids. Fairly flexible but does not provide good				
	mechanical protection.				
Cable Length	5m, 10m, 25m, 50m				
Cable Type	Conductors laid flat, Glassfibre insulated with Glassfibre overall, silicone varnished throughout				
Core / Strands	1/0.315mm				
Conductor Cross Section 1/0.315	0.078				
(mm2)					
Drain Wire	No				
Insulation Material	Glassfibre insulated with Stainless Steel Overbraid				
Loop Resistance 1/0.315	12.8				
(Ohms per combined metre)					
Max. Temperature	+350°C (short periods up to 400°C)				
Min. Temperature	-60°C				
+ Conductor	Nickel Chromium				
- Conductor	Nickel Aluminium				
Screen	No				
Standards Met	Colour code (cores & jacket) to former British Standard – BS1843-1952				
Thermocouple Type	KX' extension cable for extending 'K' type thermocouples				
Tolerance	Class 2				

Ordering Information

Туре	Colour Code	Cable Style	Strand Size	Length	Manufacturers Code	Farnell Order Code
Kx	BS	GLASSFIBRE FLAT PAIR + SSOB	7/0.2mm	5m (16.4ft)	WK-075-D	3582313
Kx	BS	GLASSFIBRE FLAT PAIR + SSOB	7/0.2mm	10m (32.8ft)	WK-075-D	3582316
Kx	BS	GLASSFIBRE FLAT PAIR + SSOB	7/0.2mm	25m (82ft)	WK-075-D	3582314
Kx	BS	GLASSFIBRE FLAT PAIR + SSOB	7/0.2mm	50m (164.1ft)	WK-075-D	3582315

TC Cable - 16 Nov-23



Thermocouple & PRT Cable

Thermocouple cables are available in IEC or ANSI colour codes. Insulation types include PFA, PTFE, PVC &

Fibreglass. Available spool lengths include 10, 25, 50, 100 and 200m.

Best Sellers



ANSI PTFE Insulated Twin Twisted Farnell 2443696 Newark 73AC8304

ANSI PFA Insulated Twin Twisted Farnell 2443711 Newark 73AC8297

Fabricated and Specialist Thermocouples

Styles include; Magnet, Washer, Nozzle, Leaf, Bayonet & Bolt thermocouple. Various lengths and calibration types available.

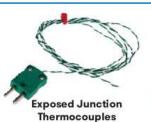
Best Sellers



Washer Thermocouple Farnell 8597952 Newark 38K1555



Magnet Thermocouple Farnell 2081298 Newark 88T2877



Including exposed junctions with fitted or moulded miniature plug and insulated leads, ideal for test and development applications.

1, 2, 3, 5 & 10m lengths available in IEC or ANSI colours.

Best Sellers



IEC Type T Exposed Junction Farnell 7076186 Newark 68C2613

IEC Type K Exposed Junction Farnell 4100748 Newark 15J1022



Thermocouple Connectors

Range of miniature or standard thermocouple connectors. Available in thermocouple types K, J, T, E, N, RS, B, and copper. IEC, ANSI & JIS colour codes available.



IEC Thermocouple PCB Socket Farnell 2347056

Newark 06X5514 IEC Thermocouple

Plug Farnell 7086362 **Newark 67C1559**

ANSI Thermocouple Socket Farnell 2347121 Newark 06X4819



RTD Detectors

Wire-wound type provides greater accuracy and stability but are vulnerable to shock.

Flat film type are resistant to shock and have quicker thermal response times.

Various lengths and diameters available, in class A, B and 1/10th Din.

Best Sellers



Film Detector Farnell 8598550 Newark 38K0883

PT100 Wire **Wound Detector**

Farnell 2770776 Newark 25AC2608

PT100 Class A Thin Film Detector

Farnell 8598525 **Newark 38K0885**



Mineral Insulated Thermocouples

Available in various calibration types with a variety of terminations.

These include; Thermocouple plugs, Terminal heads and Thermocouple cable.





ANSI Thermocouple Farnell 2420317 Newark 53X3217

IEC Thermocouple with Mini Plug Farnell 4248338

Newark 19J1166

IEC Melt Bolt Thermocouple Farnell 2816490 Newark 44AC8638





Pt100 Heavy Duty Sensor Probe Farnell 8598096 Newark 38K0974



Pt100 Sensor in Stainless Steel Tube with Teflon Lead Farnell 2420300 Newark 53X3459

Pt100 Outdoor/ Cold Store Temperature Sensor

Farnell 2816462 Newark 44AC8648



L60 Fine Wire Thermocouple Welder

The Thermocouple Welder is a compact, simple-to-use instrument designed for thermocouple and fine wire welding. Supplied with foot switch, spare electrodes, pliers & safety glasses, impact clip and pen plate.

Best Sellers





L60+ Thermocouple & Fine Wire Welder and accessories Farnell 2897470 Newark 62AC8741

applications and styles, available in class A or B.

Resistance Thermometer

Detectors (RTD) / Platinum

Resistance Thermometers (PRT)

To suit a wide range of

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