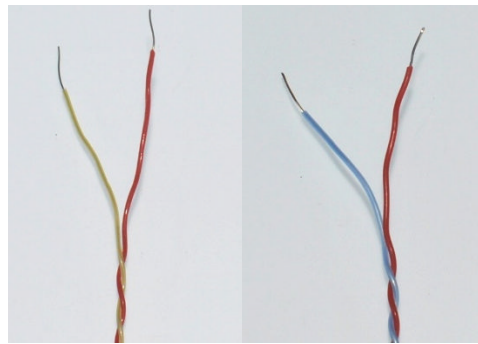




### Data sheet

### ANSI Thermocouple Cable – PFA Insulated Twin Twisted Pair

Available in Thermocouple types K & T (ANSI MC96.1)



Type KX

Type TX

- PFA Teflon® twin twisted pair for extending or making simple thermocouples
- Single pair of PFA insulated conductors twisted together
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids, gasses, steam etc.
- Thermocouple types K & T with 1/0.2mm OR 1/0.3 conductors
- 7/0.2mm option available for type K
- 25, 50 & 100 metre reel lengths
- Tolerance Class 1 for optimum accuracy
- Insulation rating -75°C to 260°C
- Colour coded to ANSI MC96.1
- See below for optional Thermocouple Welder

T/C Type	Conductors	Cores	Reel Length	Order code
KX	1/0.2mm	+Yellow/-Red	25 metres	XE-2802-025
KX	1/0.2mm	+Yellow/-Red	50 metres	XE-2802-050
KX	1/0.2mm	+Yellow/-Red	100 metres	XE-2802-100
KX	1/0.3mm	+Yellow/-Red	25 metres	XE-2801-025
KX	1/0.3mm	+Yellow/-Red	50 metres	XE-2801-050
KX	1/0.3mm	+Yellow/-Red	100 metres	XE-2801-100
KX	7/0.2mm	+Yellow/-Red	25 metres	XE-2803-025
KX	7/0.2mm	+Yellow/-Red	50 metres	XE-2803-050
KX	7/0.2mm	+Yellow/-Red	100 metres	XE-2803-100
TX	1/0.2mm	+Blue/-Red	25 metres	XE-2805-025
TX	1/0.2mm	+Blue/-Red	50 metres	XE-2805-050
TX	1/0.2mm	+Blue/-Red	100 metres	XE-2805-100
TX	1/0.3mm	+Blue/-Red	25 metres	XE-2804-025
TX	1/0.3mm	+Blue/-Red	50 metres	XE-2804-050
TX	1/0.3mm	+Blue/-Red	100 metres	XE-2804-100



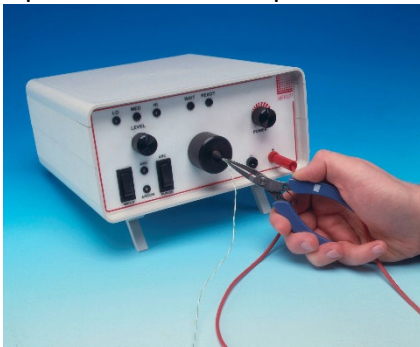
### Data sheet

#### ANSI Thermocouple Cable – PFA Insulated Twin Twisted Pair

Available in Thermocouple types K & T (ANSI MC96.1)

#### Make your own welded tip Thermocouples?

##### Optional Thermocouple Welder



Compact, simple-to-use Thermocouple Welder designed for thermocouple and fine wire welding

Primarily designed for use by sensor manufacturers to produce commercial grade thermocouple junctions; it is ideal for producing large numbers of exposed junction thermocouples for test and development laboratories

Does not require special skills and most operatives will be capable of producing quality work with little practice. The instrument is supplied with a full range of user accessories including a footswitch

Suitable for use with wires of up to 1.0mm diameter, an argon gas shield facility is included but a satisfactory thermocouple junction is produced without the need for argon. The output energy of the L60 Thermocouple Welder can be varied up to 60 Joules

- Simple to use Thermocouple Welder
- Designed for the production of commercial grade thermocouple junctions
- Also suitable for other fine wire work
- Front panel or footswitch operation
- Argon gas shield facility

Supplied with the following accessories:

- Wire Holding Pliers & Lead
- Safety Glasses
- Magnifying Eyeglass
- Carbon Electrodes
- Spare 2A Fuse
- Argon Hose
- Mains Lead
- Footswitch for greater ease of use

Physical Dimensions 220mm Wide x 120mm High x 250mm Depth

Weight 4kg

003- ANSI PFA Insulated Twin Twisted Pair /0814LAB