

Datasheet

IEC Thermocouple Extension Cable – PTFE Insulated Flat Pair

Available in Thermocouple Types K, J & T



Type 'K'



Type 'J'

(Type 'K' & 'J' shown – see below for other thermocouple types and corresponding colour codes)

- PTFE insulated flat pair cable
- Single pair of PTFE insulated conductors, laid flat with PTFE jacket
- Good mechanical strength and flexibility, resistant to oils, acids and other adverse fluids
- Suitable for steam & pressure applications, autoclaves, sterilisers etc.
- Thermocouple types K, J, & T with 7/0.2mm stranded conductors
- 1/0.3mm solid conductor option available for type T
- 10, 25 & 50 metre reel lengths
- Tolerance Class 1 for optimum accuracy
- Insulation rating -75°C to 260°C
- Colour code (cores & jacket) to IEC-584-3

T/C Type	Conductors	mm ²	Cores	Jacket	Reel Length	Allied Code	RS order code
KX	7/0.2mm	0.219	+Green/-White	Green	10 metres	70657132	827-5776
KX	7/0.2mm	0.219	+Green/-White	Green	25 metres	70641732	236-3858
KX	7/0.2mm	0.219	+Green/-White	Green	50 metres	70657135	827-5785
JX	7/0.2mm	0.219	+Black/-White	Black	10 metres	70657139	827-5798
JX	7/0.2mm	0.219	+Black/-White	Black	25 metres	70644362	455-4258
JX	7/0.2mm	0.219	+Black/-White	Black	50 metres	70657142	827-5808
TX	1/0.3mm	0.072	+Brown/-White	Brown	10 metres	70657137	827-5791
TX	1/0.3mm	0.072	+Brown/-White	Brown	25 metres	70643610	363-0418
TX	1/0.3mm	0.072	+Brown/-White	Brown	50 metres	70657138	827-5794
TX	7/0.2mm	0.219	+Brown/-White	Brown	10 metres	70657136	827-5788
TX	7/0.2mm	0.219	+Brown/-White	Brown	25 metres	70641735	236-3892
TX	7/0.2mm	0.219	+Brown/-White	Brown	50 metres	70657134	827-5782

Overall sheath Dimensions (approx.)

Loop resistance (ohms per combined metre)

1/0.3mm 1.0mm x 1.6mm
 7/0.2mm 1.2mm x 2.2mm

Type T @ 7.2 Ohms/mtr
 Type K @ 4.5 Ohms/mtr
 Type J @ 2.7 Ohms/mtr
 Type T @ 2.3 Ohms/mtr