

Datasheet

IEC Glassfibre Insulated Flat Pair Thermocouple Cable

Types 'K' & 'T' 1/0.3 solid strand, or Type 'J' 7/0.2mm multi-strand – to IEC584



- Glassfibre insulated extension cable in thermocouple types; KX, JX or TX
- Glassfibre insulated flat pair construction, conductors laid flat, Glassfibre insulated with Glassfibre overall, silicone varnished throughout
- Good temperature resistance but not suitable where fluids are present
- Types KX & TX available in solid 1/0.3mm conductors, JX in 7/0.2mm stranded conductors
- See below for available reel lengths
- All types; conductors are made from associated K, J or T thermocouple alloy type
- Tolerance Class 2 to IEC-584
- Insulation rating -60°C to 350°C (short periods up to 400°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	1/0.3mm	0.072	+Green/-White	Green	5m		185-3018
KX	1/0.3mm	0.072	+Green/-White	Green	10 m	70641631	219-4589
KX	1/0.3mm	0.072	+Green/-White	Green	25 m	70641730	236-3836
KX	1/0.3mm	0.072	+Green/-White	Green	50 m	70657149	827-5833
KX	1/0.3mm	0.072	+Green/-White	Green	100 m	70657152	827-5842
KX	1/0.3mm	0.072	+Green/-White	Green	200 m	70657153	827-5845
JX	7/0.2mm	0.219	+Black/-White	Black	10 m	70657155	
JX	7/0.2mm	0.219	+Black/-White	Black	25 m	70644363	455-4264
JX	7/0.2mm	0.219	+Black/-White	Black	50 m	70657156	827-5855
JX	7/0.2mm	0.219	+Black/-White	Black	100 m	70657159	827-5864
TX	1/0.3mm	0.072	+Brown/-White	Brown	10 m	70641736	
TX	1/0.3mm	0.072	+Brown/-White	Brown	25 m	70657154	827-5849
TX	1/0.3mm	0.072	+Brown/-White	Brown	50 m	70657157	827-5858

Overall sheath Dimensions (approx.)
Loop resistance (ohms per combined metre)

1/0.3mm 1.1mm x 1.7mm

Type K @ 14.1 Ohms/mtr

Type T @ 7.2 Ohms/mtr

7/0.2mm 1.2mm x 1.9mm

Type J @ 2.7 Ohms/mtr