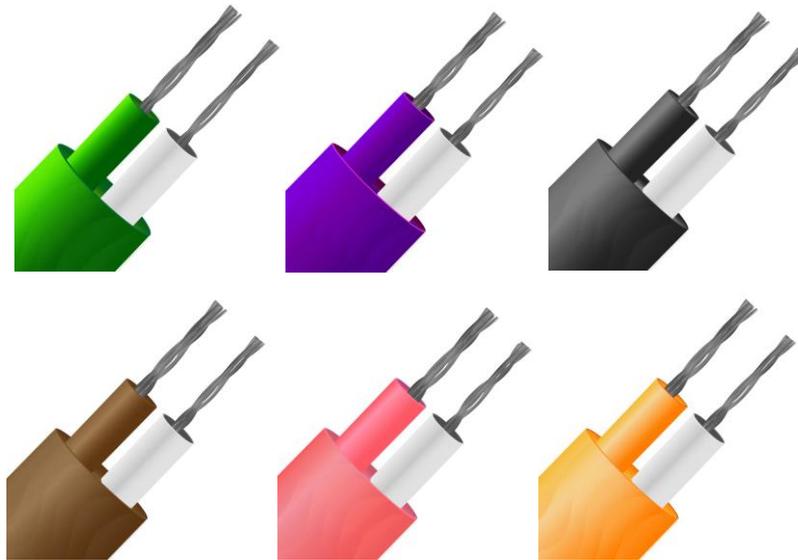


## Datasheet

# IEC PVC Insulated Flat Pair Thermocouple Extension & Compensating Cable

## PVC Insulated Flat Pair (to IEC-584)



- PVC insulated flat pair construction
- Conductors laid flat PVC insulated with overall PVC sheath
- All round general purpose cable, both waterproof and very flexible
- Thermocouple extension types for K, J, T & N
- Compensating types VX (KCB) & U (RCA) for types K & R/S Thermocouples respectively
- Stranded conductors available, either 7/0.2mm, 13/0.2mm or 23/0.2mm
- Available in 10, 25, 100 & 200 metre lengths
- Tolerance Class 2
- Insulation rating -10°C to 105°C
- Colour code (cores & jacket) to IEC-584-3

Compensating cable resembles the thermoelectric characteristic of the relevant thermocouple over a limited ambient temperature range, 0° to 80°C typically. Since these cables are made from low cost materials, cost savings can be achieved on plant installations compared with running true thermocouple extension cable.

Extension cable (true thermocouple material) should be used for maximum accuracy.



	<b>Conductors</b>	<b>Cores</b>	<b>Jacket</b>	<b>Reel Length</b>	<b>Allied Code</b>	<b>RS order code</b>
<b>Extension:</b>						
KX	7/0.2mm	+Green/-White	Green	10 metres	70657084	<b>827-5615</b>
KX	7/0.2mm	+Green/-White	Green	25 metres	70641729	<b>236-3820</b>
KX	7/0.2mm	+Green/-White	Green	50 metres	70657085	<b>827-5619</b>
KX	7/0.2mm	+Green/-White	Green	100 metres	70646156	<b>611-7889</b>
KX	7/0.2mm	+Green/-White	Green	200 metres	70657088	<b>827-5628</b>
KX	13/0.2mm	+Green/-White	Green	10 metres		<b>215-4893</b>
KX	13/0.2mm	+Green/-White	Green	25 metres		<b>827-5883</b>
KX	13/0.2mm	+Green/-White	Green	50 metres		<b>827-5892</b>
KX	13/0.2mm	+Green/-White	Green	100 metres		<b>215-4894</b>
KX	23/0.2mm	+Green/-White	Green	25 metres		<b>185-3004</b>
EX	7/0.2mm	+Purple/-White	Purple	10 metres		<b>136-5863</b>
EX	7/0.2mm	+Purple/-White	Purple	25 metres		<b>136-5864</b>
JX	7/0.2mm	+Black/-White	Black	10 metres	70641640	<b>219-4753</b>
JX	7/0.2mm	+Black/-White	Black	25 metres	70657078	<b>827-5592</b>
JX	7/0.2mm	+Black/-White	Black	50 metres	70657079	<b>827-5596</b>
JX	7/0.2mm	+Black/-White	Black	100 metres	70641737	<b>236-3915</b>
JX	7/0.2mm	+Black/-White	Black	200 metres	70657081	<b>827-5606</b>
TX	7/0.2mm	+Brown/-White	Brown	10 metres	70641637	<b>219-4703</b>
TX	7/0.2mm	+Brown/-White	Brown	25 metres	70641734	<b>236-3870</b>
TX	7/0.2mm	+Brown/-White	Brown	50 metres	70657095	<b>827-5653</b>
TX	7/0.2mm	+Brown/-White	Brown	100 metres	70651749	<b>762-1146</b>
TX	7/0.2mm	+Brown/-White	Brown	200 metres	70657098	<b>827-5662</b>
TX	13/0.2mm	+Brown/-White	Brown	25 metres		<b>827-5899</b>
NX	7/0.2mm	+Pink/-White	Pink	10 metres	70641635	<b>219-4668</b>
NX	7/0.2mm	+Pink/-White	Pink	25 metres	70657091	<b>827-5637</b>
NX	7/0.2mm	+Pink/-White	Pink	50 metres	70657089	<b>827-5631</b>
NX	7/0.2mm	+Pink/-White	Pink	100 metres	70657092	<b>827-5640</b>
	<b>Conductors</b>	<b>Cores</b>	<b>Jacket</b>	<b>Reel Length</b>	<b>Allied Code</b>	<b>RS order code</b>
<b>Compensating:</b>						
VX (KCB)	7/0.2mm	+Green/-White	Green	10 metres	70657082	<b>827-5609</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	25 metres	70641629	<b>219-4551</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	50 metres	70657080	<b>827-5603</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	100 metres	70641630	<b>219-4573</b>
VX (KCB)	7/0.2mm	+Green/-White	Green	200 metres	70657083	<b>827-5612</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	10 metres	70657086	<b>827-5621</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	25 metres	70657087	<b>827-5625</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	50 metres	70657090	<b>827-5634</b>
VX (KCB)	13/0.2mm	+Green/-White	Green	100 metres	70651750	<b>762-1152</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	10 metres	70657096	<b>827-5656</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	25 metres	70646158	<b>611-7902</b>
U (RCA)	7/0.2mm	+Orange/-White	Orange	50 metres	70657097	<b>827-5659</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	10 metres	70641641	<b>219-4769</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	25 metres	70657093	<b>827-5643</b>
U (RCA)	13/0.2mm	+Orange/-White	Orange	50 metres	70657094	<b>827-5647</b>