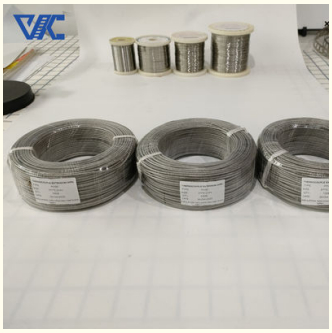
PVC/Silicone/FEP/Stainless Steel/Fiberglass Insulation K /J/E/T/N Type Thermocouple Wire Compensation Cable Extension Wi

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: K,N,E,J,T,B,R,S Types
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Thermocouple Extension Wire
- Color: Bright
- Certificate: ISO9001
- Temperature Range: 32 To 392F (0 To 200C)
- EMF Tolerance: +/- 2.2C Or +/- .75%
- Grade: Extension Grade Type K
- Positive: Ni-cr
- Negative: Ni-si
- Special Limits Of Error: +/- 1.1C Or 0.4%
- Highlight: **bright type k thermocouple extension wire**, **ISO9001 type k thermocouple extension wire**, **Thermocouple K thermocouple wire**

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More Images

Our Product Introduct

Product Description

Thermocouple Extension Wire

Type K Extension Cable 0.5*2 red black pvc insulation with pvc sheath. The conduct is thermocouple type K material which is nickel-chrome with nickel-siliconor nickel-aluminum. The construction is similar to pair instrumentation cable but the conductor material is different. Thermocouples are used in processes to sense temperature and is connected to the pyrometers for indication and control. The thermocouple and pyrometer are electrically conducted by thermocouple extension cables / thermocouple compensating cables. The conductors used for these thermocouple cables are required to have similar thermo-electric (emf) properties as that of the thermocouple used for sensing the temperature.

Our plant mainly manufacture type KX, NX, EX, JX, NC, TX, SC/RC, KCA, KCB compensating wire for thermocouple, and they are used in temperature measurement instruments and cables. Our thermocouple compensating products are all made abiding by GB/T 4990-2010 'Alloy wires of extension and compensating cables for thermocouples' (Chinese National Standard), and also IEC584-3 'Thermocouple part 3-compensating

wire' (International standard).

Thermocouple Wire

Code	Wires component of the thermocouple	
	+Positive leg	-Negative leg
N	Ni-cr-si (NP)	Ni-si-magnesium (NN)
K	Ni-Cr (KP)	Ni-Al(Si) (KN)
E	Ni-Cr (EP)	Cu-Ni<constantan> (EN)
J	Iron (JP)	Cu-Ni<constantan> (JN)
T	Copper (TP)	Cu-Ni<constantan> (TN)

Standards

ASTM	ANSI	IEC	DIN	BS	NF	JIS	
(American Society for Testing and Materials) E 230	(American National Standard Institute) MC 96.1	(European Standard by the International Electrotechnical Commission 584)-1/2/3	(Deutsche Industrie Normen) EN 60584 -1/2	(British Standards) 4937.1041, EN 60584 - 1/2	(Norme Française) EN 60584 -1/2 - NFC 42323 - NFC 42324	(Japanese Industrial Standards) C 1602 - C 1610	(U

Material	Type	Grade	Working temperature (deg)		Tolerance	Standard
			Long Term	Short Term		
NiCr-NiSi	K	1	-40~1100	-40~1300	±1.5 deg	GB/T 2614-19
		2			±2.5 deg	
NiCr-CuNi	E	1	-40~800	-40~900	±1.5 deg	GB/T 4993-19
		2			±2.5 deg	
Fe-Constantan	J	1	-40~600	-40~800	±1.5 deg	GB/T 4994-19
		2			±2.5 deg	
Cu-CuNi	T	1	-200~300	-200~400	±0.5 deg	GB/T 2903-19

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