



PromotionNew Product K Type Thermocouple 1200 Degree 0.2mm 8mm Diameter Thermocouple Bare Wire J Types

Our Product Introduction

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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 Kg
- Price: 5 - 499 kilograms \$35.00
- Packaging Details: Thermocouple wire are rolled on ABS white spool and packed with plastic film,in cartoon boxes.
Special packaging requirements can also be accommodated.
OEM is also acceptable
- 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 Bare Wire
- Temperature Range: -58 To 2700F (-50 To 1480C)
- EMF Tolerance: +/- 1.5C Or +/- .25%
- Diameter: 0.12-8mm
- Temperature: Max 1300°C
- Density: 7.4g/cm³
- Resistivity: 1.35±0.06
- Tensile Strength: 600-700 Mpa
- Conductor Type: Solid
- Condition: Soft Annealed
- Size: Customized Size
- Application: Cable & Wire
- Highlight: 1200 Degree Thermocouple Bare Wire,
J Types Thermocouple Bare Wire,
8mm Diameter Thermocouple Bare Wire



More Images



Our Product Introduction

Product Description

The Thermocouple bare wire product line includes a variety of models (such as K-type, J-type, T-type and E-type, etc.) suitable for a wide range of temperature measurement and control applications. These bare wires feature high precision, fast response, and flexible installation, and are suitable for industrial furnaces, heating equipment, heat treatment processes, and laboratory instruments. They accommodate a wide temperature range, provide accurate temperature readings, and are flexible and customizable to meet a variety of needs.

Code	Wire Component of the thermocouple
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	+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 (EN)	
J	Iron (JP)	Cu-Ni (JN)	
T	Copper (TP)	Cu-Ni (TN)	
B	Platinum Rhodium-30%	Platinum Rhodium -6%	
R	Platinum Rhodium-13%	Platinum	
S	Platinum Rhodium -10%	Platinum	

ASTM	(American Society for Testing and Materials) E 230	
ANSI	(American National Standard Institute) MC 96.1	
IEC	(European Standard by the International Electrotechnical Commission 584)-1/2/3	
DIN	(Deutsche Industrie Normen) EN 60584-1/2	
BS	(British Standards) 4937.1041, EN 60584-1/2	
NF	(Norme Francaise) EN 60584-1/2-NFC 42323-NFC 42324	
JIS	(Japanese Industrial Standards) C 1602-C 1610	
GOST	(Unification of the Russian Specifications) 3044	

Using Occasion of Different Thermocouple			
Thermocouple Type		Working Atmosphere	Working Temperature
Type K	KP	Oxidizing	-200 to +1200℃
	KN	Inert	
Type K	NP	Oxidizing	-200 to +1200℃
	NN	Oxidizing	
Type K	EP	Oxidizing	-200 to +900℃
	EN	Oxidizing	
Type K	JP	Oxidizing(use in high temp)	-40 to +750℃
	JN	Reducing, Inert, Vacuum	
Type K	TP	Oxidizing, Vacuum	-200 to +350℃
	TN	Reducing, Vacuum	



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