



K Type Thermocouple Mineral Insulated Electrical Cables MI Cable

Our Product Introduction

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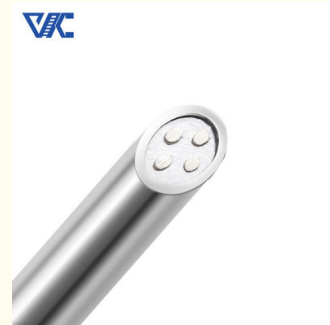
Basic Information

- 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: 50 - 499 meters \$3.00
- Packaging Details: in coils, carton and wooden case.
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 50 - 999 meters \$2.88



Product Specification

- Product Name: MI Thermocouple Cable
- Warranty: 1 Year
- Conductor Material: NiCr-NiSi, NiCrSi-NiSi, NiCr-Konstantan, Fe-Konstantan, Cu-Kon
- Sheath Material: SS304, SS321, SS316, SS310, INCL600, 601, Microbell, SS446
- Dia(mm): 0.25mm To 12.7mm
- Insulator: 99.6% High Purity MgO
- Temperature Range: 0~1100(°C)
- Size: Customized Size
- Customized Support: OEM, ODM, OBM, Software Reengineering
- Application: Temperature Measuring
- Highlight: Thermocouple Mineral Insulated Electrical Cables
, K Type Thermocouple MI Cable



More Images



Product Description

MI Thermocouple Cable is widely used in many industries and fields, including industrial furnaces, chemical plants, power equipment, metallurgical engineering and laboratories, etc. It can be used to monitor and control the temperature of various heating equipment, kilns, reactors and experimental devices to ensure the stability and safety of the process.

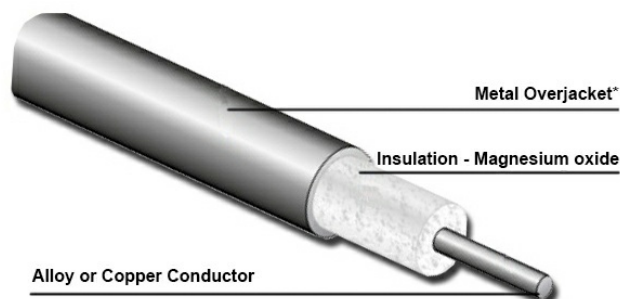
Regarding parameters, MI Thermocouple Cable models and specifications vary from manufacturer to manufacturer. Common parameters include temperature range, wire diameter, mineral insulation, cable length, and available thermocouple types. These parameters can be selected according to specific application needs to meet different temperature measurement requirements.

Code	Wire 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 (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	

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

Outer Sheath(mm)		core wire Dia.(mm)		Outer Sheath(mm)o core wire Dia.(mm)			B Types
Out Dia	Wall Thickness	K,N,E,J,T Types	S,R,B Types	K,N Types	E,J,T Types	S,R Types	
0.5	0.05-0.10	0.08-0.12	...	SS304, SS321, SS316, SS310, INCL600	SS30, SS32, SS316	INCL60, INCL800	INCL60, INCL800
1.0	0.10-0.20	0.15-0.20	...				
1.5	0.15-0.25	0.23-0.30	...				
1.6	0.16-0.26	0.26-0.36	...				
2.0	0.25-0.35	0.40-0.50	0.25-.030				
3.0	0.38-0.48	0.50-0.60	0.30-0.40				
3.2	0.48-0.58	0.58-0.68	0.30-0.40				
4.0	0.52-0.62	0.60-0.70	0.35-0.40				
4.8	0.73-0.83	0.75-0.85	0.40-0.45				
5.0	0.78-0.88	0.80-0.90	0.40-0.45				
6.0	0.98-1.08	0.90-1.10	0.45-0.50				
6.4	1.05-1.15	1.02-1.12	0.45-0.50				
8.0	1.30-1.44	1.30-1.40	0.45-0.50				
12.7	1.75-1.90	1.95-2.05	...				





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