



Thermocouple Wire K Type Mineral Insulated Thermocouple MI Cable/Wire

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: **Mineral Insulated Thermocouple MI Cable, K Type Mineral Insulated Cable, Thermocouple K Type Mineral Insulated Wire**



More Images



Our Product Introduction

Product Description

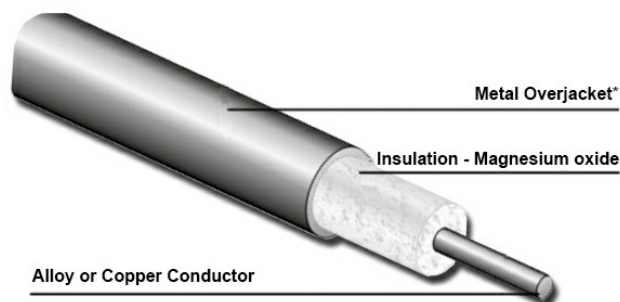
MI Thermocouple Cable is a high performance thermocouple cable designed with mineral insulation designed to provide reliable temperature measurement and control solutions. This product series covers a variety of models and is suitable for temperature monitoring needs in various fields. MI Thermocouple Cable has excellent high temperature resistance and can provide reliable measurement results in extreme temperature conditions. It uses mineral insulating materials and has excellent insulation properties and anti-interference capabilities, which can effectively reduce the impact of external interference on temperature measurement.

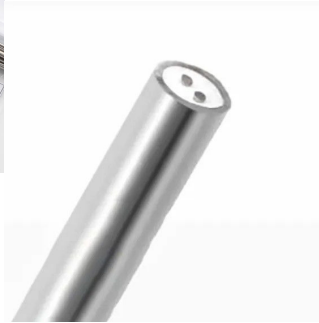
Code	Wire Component of the thermocouple	
	+Positive leg	- Negative Leg
N	Ni-Cr-Si(NP)	Ni-Si-magnesium (NN)

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, INCL80	INCL60, INCL80
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	0.25-0.30				
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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