



Mineral Insulated Cable Stainless Steel Sheath Material Thermocouple Sheath 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: Stainless Steel Sheath Mineral Insulated Cable, Thermocouple Sheath Mi Cable, SS304 Mineral Insulated Cable



More Images



Product Description

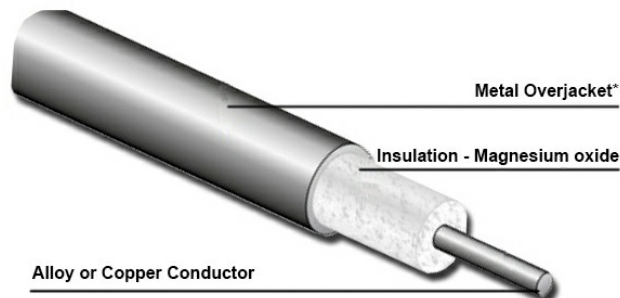
MI Thermocouple Cable is a specially designed mineral insulated thermocouple cable primarily used in temperature measurement and control applications. It has excellent high temperature resistance and anti-interference capabilities, providing reliable temperature sensing solutions in harsh environments. The MI Thermocouple Cable product line includes a variety of models suitable for industrial furnaces, chemical plants, power equipment, metallurgical engineering and laboratories. Key parameters include temperature range, wire diameter, mineral insulation material, cable length and thermocouple type. When purchasing, you can select the appropriate model and specifications based on specific application needs.

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	0.25-0.30				
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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