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诚招全世界代理商

Sincerely looking for acting dealers all over the world

销售点联系资料见公司官方网站

Point-of-sale contact information access to the company's official website

海得利电气(中国)有限公司

HEATLE ELECTRIC (CHINA) CO., LTD.

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HEATLE

Trying to do the heater leader around the world...

诚招全球代理商

Sincerely looking for acting dealers all over the world

产品选型手册

Product Selection Manual

NO:2. | 特种电缆

Special cable

Trying to do the heater leader around the world ...

海得利电气(中国)有限公司

HEATLE ELECTRIC (CHINA) CO., LTD.

企业简介

海得利电气（中国）有限公司座落于素有“三省通衢”之美誉的安徽省广德县经济开发区，合杭高速、宣杭铁路复线、318国道和3条省道穿境而过，交通便捷，运输发达。

公司创建于2011年，由美国海得利电气有限公司、香港海狮电热集团有限公司、温州久胜电气制造有限公司共同出资合办。注册资金1000万元，投资8000万元，是一家集科研、开发、生产、销售为一体的大型综合性民营企业。

公司专业生产电热系列，电热电缆、矿物绝缘发热电缆、地暖电热、测温偶、金属软管、不锈钢挠性连接管、塑料波纹管等，产品广泛应用于：石油、化工、钢铁、机械、电力、仪表、航空、汽车、火车、橡胶、塑料、医疗、通讯、食品、家电等各个领域，产品已出口世界30多个国家及地区。公司致力于以优质的产品质量和实惠的价格赢得市场，公司前身于2003年至2005年度均为市人民政府评为明星企业，并于2006年一致通过ISO9001：2000质量管理体系认证、IQNET组织认证、CNAB组织认证、CQC组织认证、CE产品质量认证企业、ROHS欧盟绿色认证及中国质量认证中心认证企业、国际认可论坛和太平洋认可合作组织质量管理体系多边承认协议成员认可。公司自成立至今均被国家商品监督中心评为3.15产品质量、服务质量无投诉用户满意品牌，被视为最具有发展潜力的企业之一。

公司拥有国际领先的生产流水线和检测设备，严格按照国家标准和国际标准组织生产，从原材料购进到成品出库实行全程质监控制。制定“以客户需求为中心，以生产管理为基础，持续改进质量体系，提供用户满意产品”的发展方针。愿向广大客户提供先进的技术、精良的产品、诚信的交货和便捷的服务。以打造著名民族品牌为己任，顽强拼搏，日夜奋争，竭尽全力精心打造各类产品，携手与广大国内外客户单位共创美好明天！

公司承诺：以质量为前提的基础上，坚持用户至上、质量第一、信誉第一、价格实惠。

公司宗旨：面向全国，走向世界。

每项电热方面的需求，都离不开众望所归的行业专家

---海得利

Each electric needs,are inseparable from
the unanimous choice of industry experts
---HEATLE

Company Introduction

China Heatle electric co., Ltd is located in known as the "reputation of the three provinces thorough fare ,Guangde County, Anhui Province Economic Development Zone, co- Hangzhou Expressway, declared Hangzhou Railway,318 National Highway and Provincial Highway 3 to wear on the boundary, and convenient transportation.

China Heatle electric co., Ltd is founded in 2011,it is a jointly venture company by American Heatle electric co., Ltd, Hong Kong Haishi Electric Co., Ltd, Wenzhou Jiusheng Electric Manufacturing Co., Ltd. The registered capital of 10 million RMB, 80 million RMB of investment, it is a joint-stock enterprises and an integration of scientific research, development, production and sale.

The company specializes in the production of electric series, electric cable, MI heating cables, the ground heating electric, temperature measurement, flexible heater tube, plastic film capacitor and so on. The products are widely used in various fields of petroleum, chemical, steel, machinery, electric, instrumentation, aerospace, automobiles, trains, rubber, plastics, medical, communications, food, home appliances and others, and these have been exported to over 30 countries and regions in the world

Company owns the international advanced production line and testing equipment, in strict accordance with national and international standards organization production, from raw material purchase to finished products ,we have full of quality and technical supervision control library. Establish the developing policy of customer demand as the Center, to production management based on the continuous improvement of quality management system, provides customer satisfaction product. And we are willing to provide our customers with advanced technology, excellent products, honest and convenient delivery service. To create a family of famous name brand as our mission, tenacious struggle, fight day and night, to make every effort to make all kinds of products, together with General domestic and foreign customers to create a better tomorrow!

Company commitment: subject to the basis of best quality, we adhere to customer first, quality first, credit first, reasonable price.

Company tenet: face the nation, to the world.



F 电伴热带系列 Electric tracing band series

01. Low-temperature series of electricity partner tropics-----F03
02. Medium temperature series of elecpricity partner tropics-----F04
03. High-temperature series of electricity parther tropics-----F05
04. The series of electricity partner tropics for fire use only-----F05
05. Constant output electricity partner tropics-----F06
06. High-temperature constant output electricity partner tropics--F06
07. Ship electricity partner tropics-----F07
08. Special attachment for electricity partner tropics-----F07
09. Fiberglass electricity parther tropics-----F08
10. Silastic electricity parther tropics-----F08
11. Other accessories series-----F09
12. PVC heating wire of the floor heating system-----F10

G 矿物绝缘电缆系列 Mineral insulated cable series

01. Conventional stainless steel heating cable-----G03
02. Armoured thermocouple wire-----G05
03. Thermocouple Element-----G06
04. Mineral insulated cables technology parameters-----G07
05. Intermediate Connector Series Show-----G10

H 高温线系列 High temperature ture wire series

01. Ordinary high temperature line (400 °C)-----H01
02. The pure silica gel high temperature line (200 °C)-----H01
03. 500°C high temperature wire-----H01
04. Nickel high temperature wire (600 °C)-----H02
05. Metal weaving high temperature line (400 °C)-----H02
06. Common PTFE high temprature wire (200 °C) -----H02
07. PTFE extrusion temperature line (320 °C)-----H03
08. PTFE around bag high temperature line (350 °C) -----H03

I 热电偶延长导线和补偿导线 Extension and Compensating Cables for Thermocouples

01. Single wire compensation HS-BC-11(Fiber glass)-----I01
02. Single wire compensation HS-BC-12(PTFE 200°C)-----I01
03. Single wire compensation HS-BC-13(PTFE 280°C)-----I01
04. Double wire compensation HS-BC-21(inter fiber glass+outer fiber glass)-----I02
05. Double wire compensation HS-BC-22(inter fiber glass+metal braid sleeve)-----I02
06. Double wire compensation HS-BC-23(inter PEFE+outer PTFE)-----I03
07. Double wire compensation HS-BC-24(inter PTFE+outer SS304)-----I03
08. Double wire compensation HS-BC-25(inter PTFE+outer kapton)-----I04
09. Double wire compensation HS-BC-26(inter kapton+outer kapton)-----I04
10. Double wire compensation HS-BC-27(inter PVC+outer PVC)-----I05
11. Three layers of wire compensation(inter glass yam+mid glass yam+outer glass yam)-----I06
12. Three layers of wire compensation(inter glass yam+mid glass yam+outer SS304)-----I06
13. Three layers of wire compensation(inter glass yam+glass sick+mid glass yam+outer SS304) -----I07
14. Three layers of wire compensation(inter PVC+mid PVC+outer SS304)-----I07
15. Three layers of wire compensation(inter PVC+mid SS304+outer PVC)-----I08
16. Four layers of wire compensation(inter glass yam+mid glass yam+outer glass yam+the outermost layer of SS304) ---I08

J 软管系列 Hose series

01. Plastic corrugated pipe-----J01
02. SM tast tie-in-----J01
03. RQW1 right-angle elbow-----J01
04. RQS fixed nog-----J01
05. Plastic tube-----J01
06. Galvanized hose-----J02
07. Stainless steel hose-----J02
08. The general connecting wire-----J02
09. The general silk (nickel plating type) connector-----J02
10. Card set of type joint-----J02
11. General connecting wire inside-----J02
12. Since the solid type joint-----J02



电伴热带系列

Electric tracing band series

HEATLE

01. Low-temperature series of electricity partner tropics-----F03
02. Medium temperature series of electricity partner tropics-----F04
03. High-temperature series of electricity partner tropics-----F05
04. The series of electricity partner tropics for fire use only-----F05
05. Constant output electricity partner tropics-----F06
06. High-temperature constant output electricity partner tropics--F06
07. Ship electricity partner tropics-----F07
08. Special attachment for electricity partner tropics-----F07
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永恒的功率
不变的电阻
高品质的发热电缆

Eternal power
Constant resistance
High quality heating cable

HEATLE发热电缆产品满足诸多不同领域对温度的需求, 如: 石化、天然气、石油、化工、电力、医疗、商业建筑、食品加工生产线、室内采暖、道路化雪、养殖业采暖工程等领域。

HEATLE发热电缆确保许多工程不因受冻而造成的经济损失, 利用及其可靠的先进技术解决各领域用户的困难, 为客户群体降低成本, 提高生产效率及产品质量。

HEATLE的客户遍布全球, 争创世界领先品牌。

HEATLE发热电缆可根据客户需求, 分为三种:

- ①电伴热带、玻纤电伴热带、硅橡胶电伴热带
- ②不锈钢发热电缆、铜发热电缆
- ③地暖系统发热电缆

HEATLE's heating cable meet the different fields on temperature demand, majoring in petrification, natural gas, petroleum, chemical industry, electricity, medical treatment, commercial building, Food processing production line, indoor heating system, road snow melting, livestock breeding heating project etc.

HEATLE's heating cable ensure that the many works do not lead to economic losses due to cold, take advantage of reliable and advanced technology to solve the difficulties of the users in different field, reduce costs for the customer, improve production efficiency and product quality

HEATLE's customers spread all over the world, create the world's leading brands

According to the demand of the customer, HEATLE's products divided into three kind:

- ①electricity partner tropics, fiberglass electricity partner tropics, silicon rubber
- ②stainless steel heating cables, copper heating cable
- ③floor heating system heating cable

电伴热带、玻纤电伴热带、硅橡胶电伴热带

在每根电伴热带内，母线之间的电路数随温度的影响而变化，当电伴热带周围的温度变冷时，导电塑料产生微分子的收缩而使碳粒连接形成电路，电流流经这些电路，使电伴热带发热。

当温度升高时，导电塑料产品微分子的膨胀，碳粒渐渐分开，引起电路中断，电阻上升，电伴热带自动减少功率输出。

当周围温度变冷时，塑料又恢复到微分子收缩状态，碳粒相应连接起来形成电路，点伴热带发热功率又自动上升。

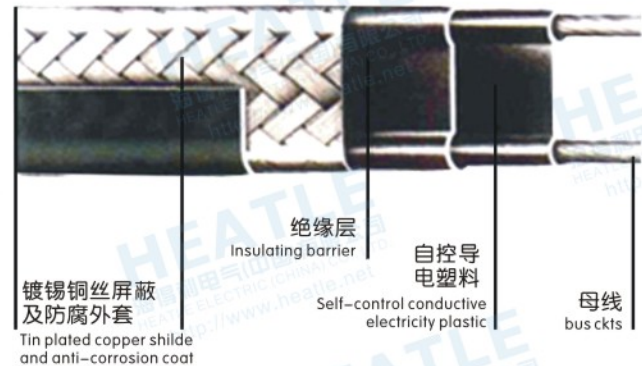
HEATLE电伴热带控制的温度不会过高亦不会过低，温度是自动调节的。

特点:

- ①当管道或其他应用物表面温度较低时，能在短时间内快速启动。
- ②达到一定温度功率自动降低，节省运行成本。
- ③所安装电伴热带的管道前后温度均匀。
- ④可以切成任意长度，根据实际需要做调整，安装简单。
- ⑤维护简单。

自控电伴热带结构图:

Construction of the Self-control electricity partner tropics



Electricity partner tropics, fiberglass electricity partner tropics, silicon rubber :

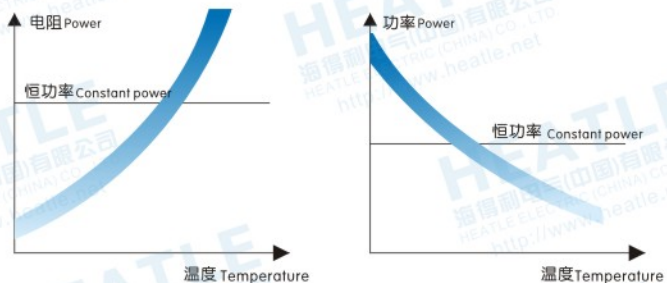
In each electricity partner tropics, the circuits between bus ckt's varies with temperature, when the temperature around the electricity partner tropics are colded, conductive plastic micro molecular contraction and carbon particles are connected to form a circuit, when the electric current through circuit, electricity partner tropics generate heat.

When the temperature raised, carbon particles gradually separated due to the Micro-molecular expansion, cause the circuit interrupt, and resistance rised, then electricity partner tropics automatically reduce the power output

When the temperature cool down, plastic returned to the micro molecular contraction, carbon particles connected together to form a circuit, then electricity partner tropics automatically rise the power output.

The temperature of HEATLE's electricity partner tropics changes automatically
Traits:

- 1: When the temperature of the pipeline too low, electricity partner tropics can quick start in a short time
- 2: when reaches a critical temperature power reduced automatically, and save costs
- 3: uniform temperature before and after the pipeline of the electricity partner tropics
- 4: can cut to any length, adjust according to actual needs, simple in installation
- 5: simple in maintenance



电伴热带随温度变化的情况: 温度上升时，电阻增加功率减小，温度下降时，电阻减小功率增大。

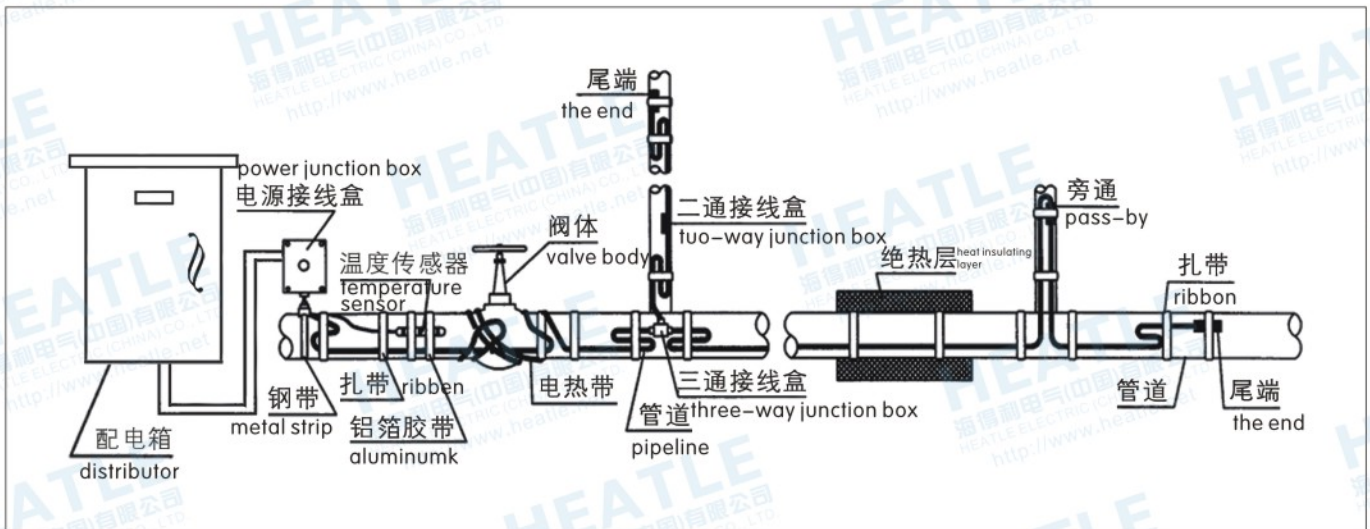
The state of the electricity partner tropics with the temperatllre changes:
When the temperature rised, resistance increase and power decrease.
When the temperature decreased, resistance decrease and power increase.

schematic drawing of electricity partner tropics :

every electricity partner tropics equipped with a power junction box and an end. The quantity of the two-way junction box and three-way junction box choosed based on the actual situation of the pipeline. Also equipped with distribution case, heat-resistant pressure-sensitive tape, aluminum foil tape, steel hoop and Notices label.

电伴热带示意图

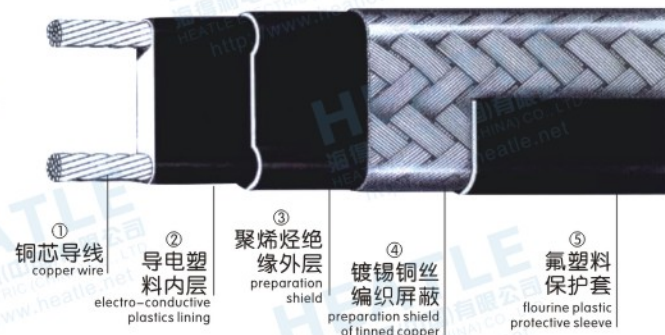
每一条需配电源接线盒、尾端各一个。二通和三通的数量则根据管道的实际情况而选择。另外还需配电箱、耐热压敏胶带、铝箔胶带、钢箍和告示标签。



低温系列电伴热带

Low-temperature series of electricity partner tropics

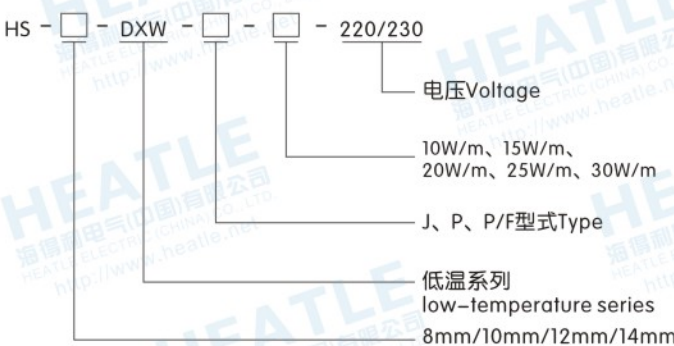
结构图construction drawing:



基本型结构: ①②③ 屏蔽防爆型结构: ①②③④ 防护防腐结构: ①②③④⑤

结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
基本型 fundamental type (1/2/3)	HS-8-DXW-J-10-220/230		
	HS-8-DXW-J-15-220/230		
	HS-8-DXW-J-20-220/230		
	HS-8-DXW-J-25-220/230		
	HS-8-DXW-J-30-220/230		
屏蔽防爆型 shielded and explosion-proof type (1/2/3/4)	HS-8-DXW-P-10-220/230		
	HS-8-DXW-P-15-220/230		
	HS-8-DXW-P-20-220/230		
	HS-8-DXW-P-25-220/230		
	HS-8-DXW-P-30-220/230		
防护防腐型 protective and corrosion protection type (1/2/3/4/5)	HS-8-DXW-P/F-10-220/230		
	HS-8-DXW-P/F-15-220/230		
	HS-8-DXW-P/F-20-220/230		
	HS-8-DXW-P/F-25-220/230		
	HS-8-DXW-P/F-30-220/230		
基本型 fundamental type (1/2/3)	HS-10-DXW-J-10-220/230		
	HS-10-DXW-J-15-220/230		
	HS-10-DXW-J-20-220/230		
	HS-10-DXW-J-25-220/230		
	HS-10-DXW-J-30-220/230		
屏蔽防爆型 shielded and explosion-proof type (1/2/3/4)	HS-10-DXW-P-10-220/230		
	HS-10-DXW-P-15-220/230		
	HS-10-DXW-P-20-220/230		
	HS-10-DXW-P-25-220/230		
	HS-10-DXW-P-30-220/230		
防护防腐型 protective and corrosion protection type (1/2/3/4/5)	HS-10-DXW-P/F-10-220/230		
	HS-10-DXW-P/F-15-220/230		
	HS-10-DXW-P/F-20-220/230		
	HS-10-DXW-P/F-25-220/230		
	HS-10-DXW-P/F-30-220/230		

型号编写方式The method of model written



结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
基本型 fundamental type (1/2/3)	HS-12-DXW-J-10-220/230		
	HS-12-DXW-J-15-220/230		
	HS-12-DXW-J-20-220/230		
	HS-12-DXW-J-25-220/230		
	HS-12-DXW-J-30-220/230		
屏蔽防爆型 shielded and explosion-proof type (1/2/3/4)	HS-12-DXW-P-10-220/230		
	HS-12-DXW-P-15-220/230		
	HS-12-DXW-P-20-220/230		
	HS-12-DXW-P-25-220/230		
	HS-12-DXW-P-30-220/230		
防护防腐型 protective and corrosion protection type (1/2/3/4/5)	HS-12-DXW-P/F-10-220/230		
	HS-12-DXW-P/F-15-220/230		
	HS-12-DXW-P/F-20-220/230		
	HS-12-DXW-P/F-25-220/230		
	HS-12-DXW-P/F-30-220/230		
基本型 fundamental type (1/2/3)	HS-14-DXW-J-10-220/230		
	HS-14-DXW-J-15-220/230		
	HS-14-DXW-J-20-220/230		
	HS-14-DXW-J-25-220/230		
	HS-14-DXW-J-30-220/230		
屏蔽防爆型 shielded and explosion-proof type (1/2/3/4)	HS-14-DXW-P-10-220/230		
	HS-14-DXW-P-15-220/230		
	HS-14-DXW-P-20-220/230		
	HS-14-DXW-P-25-220/230		
	HS-14-DXW-P-30-220/230		
防护防腐型 protective and corrosion protection type (1/2/3/4/5)	HS-14-DXW-P/F-10-220/230		
	HS-14-DXW-P/F-15-220/230		
	HS-14-DXW-P/F-20-220/230		
	HS-14-DXW-P/F-25-220/230		
	HS-14-DXW-P/F-30-220/230		

技术细节(低温系列电伴热带)Technical details(Lao-temperatnr series of electricity partner tropics)

结构construction	如图 AS drawing
颜色colour	黑色 Black
温度范围 temperature range	最高维持温度Maxmimun maintain temperature 65±5℃
	最高表面温度Maxmimun surface temprature 70℃
	最高承受温度Maximum withstand temperature 105℃
施工温度working temperature	≥-40℃
热稳定性 heat stability	由10℃至99℃间来回循环300次, 电伴热带发热量维持在90%以上 From 10℃ to 99℃and circulates 300 times, with tropical heat to maintain in 90% above
弯曲半径 Bend radius	20℃为24.4mm When the teuper ature is20℃, the bend radius is25.5mm -30℃低温时为35mm When the teuper ature is-30℃, the bend radius is35mm
绝缘电阻 Insulation resistance	电伴热带长度100m, 环境温度70℃, 最小值为1200MΩ The length of the electricity partner tropics is 100m, gmbient temperature is 70℃, the mininum resistance is 1200MΩ
输入电压 Input voltage	常规Conrentional voltage220V/230V 特殊Special voltage24V、36V、110V、380V
泄漏电流electric current leakage	≤0.5MA

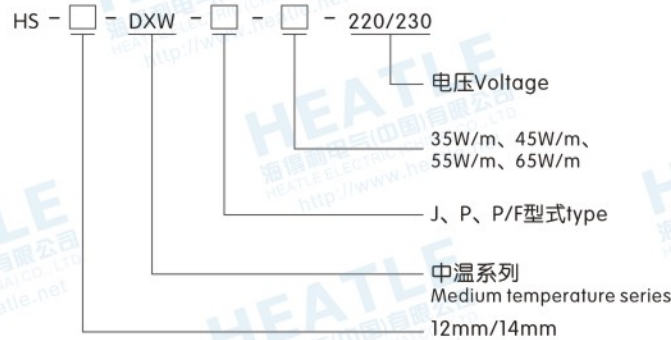
中温系列电伴热带

Medium temperature series of elecpricity partner tropics

结构图construction drawing:



型号编写方式The method of model written



基本型结构: ①②③ 屏蔽防爆型结构: ①②③④ 防护防腐结构: ①②③④⑤

结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
基本型 fundamental type (①②③)	HS-12-ZXW-J-35-220/230		
	HS-12-ZXW-J-45-220/230		
	HS-12-ZXW-J-55-220/230		
	HS-12-ZXW-J-65-220/230		
屏蔽防爆型 shielded and explosion-proof type (①②③④)	HS-12-ZXW-P-35-220/230		
	HS-12-ZXW-P-45-220/230		
	HS-12-ZXW-P-55-220/230		
	HS-12-ZXW-P-65-220/230		
防护防腐型 protective and corrosion protection type (①②③④⑤)	HS-12-ZXW-P/F-35-220/230		
	HS-12-ZXW-P/F-45-220/230		
	HS-12-ZXW-P/F-55-220/230		
	HS-12-ZXW-P/F-65-220/230		

结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
基本型 fundamental type (①②③)	HS-14-ZXW-J-35-220/230		
	HS-14-ZXW-J-45-220/230		
	HS-14-ZXW-J-55-220/230		
	HS-14-ZXW-J-65-220/230		
屏蔽防爆型 shielded and explosion-proof type (①②③④)	HS-14-ZXW-P-35-220/230		
	HS-14-ZXW-P-45-220/230		
	HS-14-ZXW-P-55-220/230		
	HS-14-ZXW-P-65-220/230		
防护防腐型 protective and corrosion protection type (①②③④⑤)	HS-14-ZXW-P/F-35-220/230		
	HS-14-ZXW-P/F-45-220/230		
	HS-14-ZXW-P/F-55-220/230		
	HS-14-ZXW-P/F-65-220/230		

技术细节(中温系列电伴热带)Technical details[medium temperature series of electricity parther tropics]	
结构construction	如图 AS drawing
颜色colour	棕褐色 Tan
温度范围 Temperature range	最高维持温度 maximum maintain temperature 105±5℃
	最高承受温度maximum withstand temperature 135℃
施工温度working temperature	≥-30℃
热稳定性 Heat stability	由10℃至99℃间来回循环300次, 电伴热带发热量维持在90%以上 From 10℃ to 99℃and circulates 300 times, with tropical heat to maintain in 90% above
弯曲半径 Bend radius	20℃为24.4mm When the teuper ature is20℃,the bend radius is25.5mm -30℃低温时为35mm When the teuper ature is-30℃,the bend radius is35mm
绝缘电阻 Insulation resistance	电伴热带长度100m, 环境温度75℃, 最小值为3000MΩ the length of the electricity partner tropics is 100m,gmbient temperature is75℃,the mininum resistance is 3000MΩ
输入电压 Input voltage	常规conrentional voltage220V/230V 特殊special voltage110V、380V、600V
泄漏电流electric current leakage	≤0.5MA

高温系列电伴热带

high-temperature series of electricity parther tropics

结构图construction drawing:

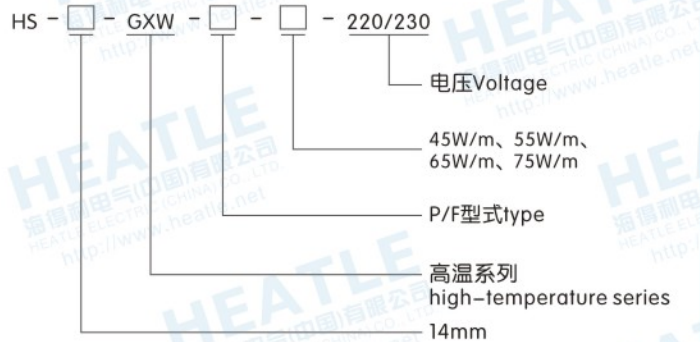


防护防腐结构: ①②③④⑤

结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
防护防腐型 protective and corrosion protection type	HS-14-GXW-P/F-45-220/230		
	HS-14-GXW-P/F-55-220/230		
	HS-14-GXW-P/F-65-220/230		
	HS-14-GXW-P/F-75-220/230		

此高温系列只有P/F防护防腐型。
high-temperature series only P/F protection and corrosion protection type

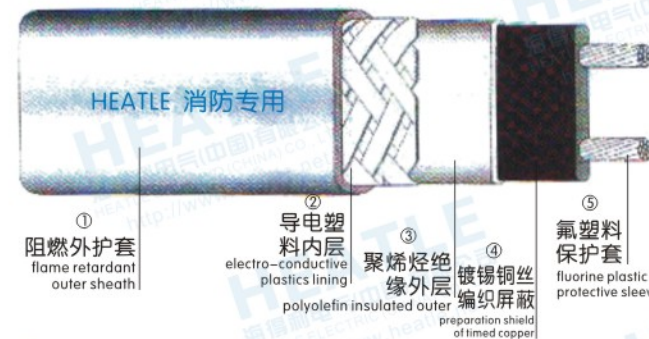
型号编写方式The method of model written



技术细节(高温系列电伴热带)Technical details[high-temperature series of electricity parther tropics]	
结构construction	如图 AS drawing
颜色colour	红色 Red
温度范围 temperature range	最高维持温度 130±5℃ maximum maintain temperature
	最高表面温度maximum surface tempdrature 140℃
施工温度working temperature	≥-60℃
热稳定性 heat stability	由10℃至149℃间来回循环300次, 电伴热带发热量维持在90%以上 From 10℃ to 149℃and circulates 300 times, with tropical heat to maintain in 90% above
弯曲半径 Bend radius	20℃为25.4mm when the teuper ature is20℃,the bend radius is25.5mm -30℃低温时为35mm when the teuper ature is-30℃,the bend radius is35mm
绝缘电阻 Insulation resistance	电伴热带长度100m, 环境温度75℃, 最小值为3000MΩ The length of the electricity partner tropics is 100m,gmbient temperature is75℃,the mininum resistance is 3000MΩ
输入电压 Input voltage	常规conrentional voltage220V/230V 特殊special voltage220V、380V、600V
泄漏电流electric current leakage	≤0.5MA

消防专用系列:

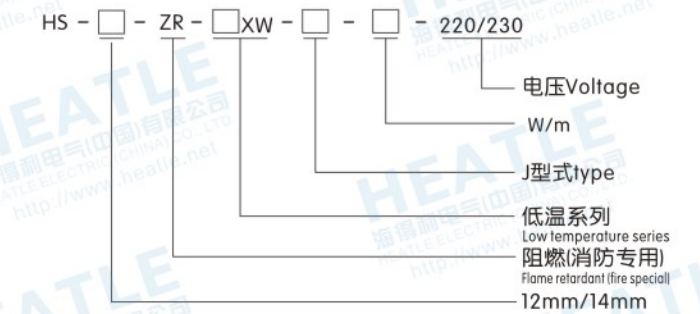
The series of electricity partner tropics for fire use only



基本型结构: ①②③④⑤

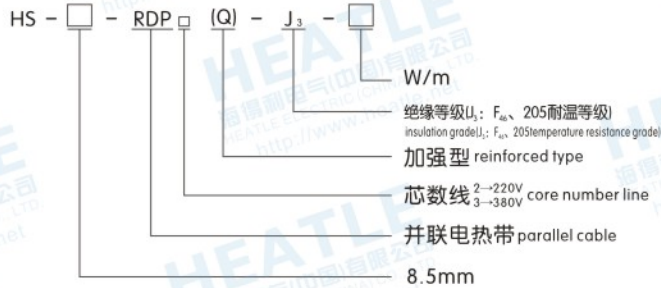
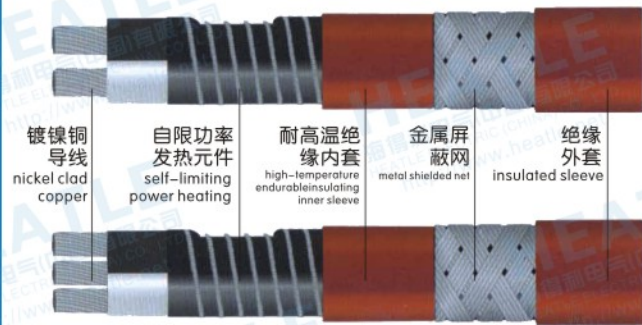
结构形式 structure form	型号model	B class 单价 (Unit price)	A class 单价 (Unit price)
基本型 fundamental type	HS-12-ZR-DXW-J-10-220/230		
	HS-12-ZR-DXW-J-15-220/230		
	HS-12-ZR-DXW-J-20-220/230		
	HS-12-ZR-DXW-J-25-220/230		
基本型 fundamental type	HS-14-ZR-DXW-J-10-220/230		
	HS-14-ZR-DXW-J-15-220/230		
	HS-14-ZR-DXW-J-20-220/230		
	HS-14-ZR-DXW-J-25-220/230		

型号编写方式The method of model written



技术细节(消防专用电伴热带)Technical details[electric tracing band for fire use only]	
结构construction	如图
颜色colour	红色/灰色 Red/Gray
温度范围temperature range	最高维持温度 65±5℃
施工温度working temperature	≥-30℃
热稳定性 Heat stability	由10℃至149℃间来回循环300次, 电伴热带发热量维持在90%以上 From 10℃ to 149℃and circulates 300 times, with tropical heat to maintain in 90% above
特点Characteristic	阻燃 To stop burning
绝缘电阻 Insulation resistance	电伴热带长度100m, 环境温度75℃, 最小值为3000MΩ The length of the electricity partner tropics is 100m,gmbient temperature is75℃,the mininum resistance is 3000MΩ
输入电压input voltage	常规220V/230V
泄漏电流leakage current	≤0.5MA

恒功率电伴热带constant output electricity partner tropics 型号编写方式The method of model written



防爆标志
eII T₃

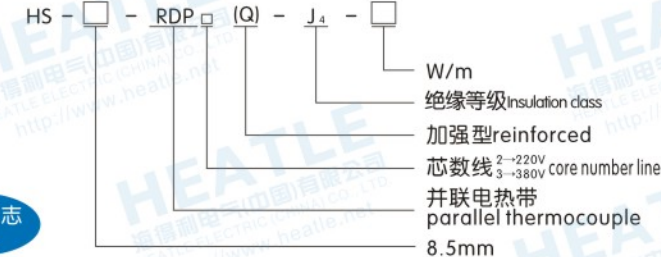
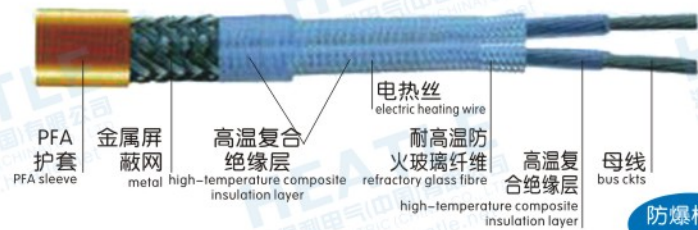
恒功率电伴热带由合金电阻丝绕在二根并联的导线上，导线焊接点的距离即电伴热带的发热区域长度，这种并联式的结构允许热线可任意剪切。它的输出功率随温度的上升而降低，因而安装时可交叉重叠，并具有低启动电流，高温时输出功率高的特点。产品可用于普通区、危险区、腐蚀区。

结构形式 structure form	型号model	最大使用长度 Largest use length	维持温度 Maintain temperature ℃	B class 单价 (Unit price)	A class 单价 (Unit price)
普通型 Ordinary type	HS-8.5-RDP ₂ -J ₃ -10	450	130℃		
	HS-8.5-RDP ₂ -J ₃ -20	350	120℃		
	HS-8.5-RDP ₂ -J ₃ -30	300	95℃		
	HS-8.5-RDP ₂ -J ₃ -40	260	75℃		
	HS-8.5-RDP ₂ -J ₃ -60	600	120℃		
	HS-8.5-RDP ₂ -J ₃ -40	530	100℃		
	HS-8.5-RDP ₂ -J ₃ -50	460	80℃		
加强型 Reinforced type	HS-8.5-RDP ₂ -J ₃ -60	400	60℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -10	450	130℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -20	350	120℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -30	300	95℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -40	260	75℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -60	600	120℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -40	530	100℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -50	460	80℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -60	400	60℃		

Constant power electricity partner tropics by alloy resistance wire is wound on two parallel cables,the distance of the wire weld vertex is the hot zone length of the electricity partner tropics, This feature permits the hot zone length can be cut at random.When the temperature rised,the output power unchanged,so when instal it can overlap with Low starting current,this product used widely in common area,danger area, corrosion area.

技术细节(恒功率电伴热带) Technical details(constant output electricity partner tropics)	
结构construction	如图 A5 drawing
颜色colour	红色 Red
温度范围 Temperature range	最高维持温度Maximun maintain temperature 150℃ 最高表面温度 Maximun surface temprature 250℃
施工温度working temperature	≥-40℃
热稳定性 Heat stability	由10℃至99℃间来回循环300次，电伴热带发热量维持在90%以上 From 10℃ to 99℃and circulates 300 times, with tropical heat to maintain in 90% above.
弯曲半径 Bend radius	20℃为24.4mm When the teupure ature is20℃,the bend radius is25.5mm -30℃低温时为35mm When the teupure ature is-30℃,the bend radius is35mm
绝缘电阻 Insulation resistance	电伴热带长度100m，环境温度70℃，最小值为1200MΩ The length of the electricity partner tropics is 100m,gmbient temperature is70℃,the minium resistance is 1200MΩ
输入电压input voltage	常规conrentional voltage 220V/230V/380V
泄漏电流electric current leakage	≤0.5MA

高温恒功率电伴热带
high-temperature constant output electricity partner tropics



防爆标志
eII T₃

高温恒功率电伴热带于RDP2(J3)-J3型号相同，可用于工厂一区、二区爆炸性气体混合物T3-T6组场所使用。其主要区别为：耐高温等级高，介质维持温度≤250℃，绝缘材料为高温复合材料及PFA氟塑料。绝缘层材料最高耐260℃。

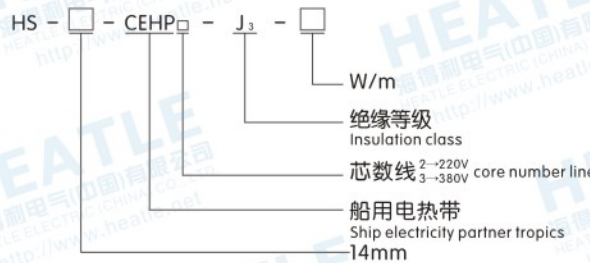
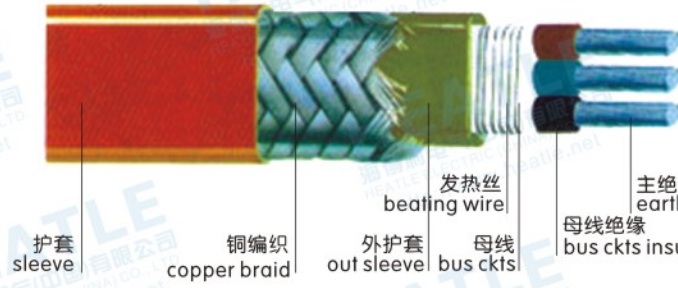
结构形式 structure form	型号model	最大使用长度 Largest use length	维持温度 Maintain temperature ℃	B class 单价 (Unit price)	A class 单价 (Unit price)
普通型 Ordinary type	HS-8.5-RDP ₂ -J ₃ -40	260	205℃		
	HS-8.5-RDP ₂ -J ₃ -60	200	180℃		
	HS-8.5-RDP ₂ -J ₃ -40	530	180℃		
	HS-8.5-RDP ₂ -J ₃ -50	460	180℃		
加强型 Reinforced type	HS-8.5-RDP ₂ -J ₃ -60	400	180℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -40	260	205℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -60	200	180℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -40	530	180℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -50	460	180℃		
	HS-8.5-RDP ₂ -(Q)-J ₃ -60	400	180℃		

High-temperature constant output electricity partner tropics are the same as the model RDP2(J3)-J3,can used in the factory I division、2 division with explosive air mixture T3-T6.The main distinction of constant output electricity partner tropics and high-temperature constant output electricity partner tropics is the high-temperature constant output electricity partner tropics' s insulation material is high-temperature Composites and PFA fluorine plastic,and the media to maintain temperature is be smaller or equal to 250℃, the temperature limit of insulation materials is260℃.

技术细节(高温恒功率电伴热带)Technical details(high-temperature constant output electricity partner tropics)	
颜色colour	红色 Red
温度范围 temperature range	最高维持温度Maximun maintain temperature 150℃ 最高表面温度 Maximun surface temprature 250℃
热稳定性 heat stability	由10℃至99℃间来回循环300次，电伴热带发热量维持在90%以上 From 10℃ to 99℃and circulates 300 times, with tropical heat to maintain in 90% above.
弯曲半径 Bend radius	20℃为24.4mm When the teupure ature is20℃,the bend radius is25.5mm -30℃低温时为35mm When the teupure ature is-30℃,the bend radius is35mm
绝缘电阻 insulation resistance	电伴热带长度100m，环境温度70℃，最小值为1200MΩ The length of the electricity partner tropics is 100m,gmbient temperature is70℃,the minium resistance is 1200MΩ
输入电压input voltage	常规conrentional voltage 220V/230V/380V
泄漏电流electric current leakage	≤0.5MA

船用电伴热带Ship electricity partner tropics

型号编写方式The method of model written



防爆标志
eII T₄

HEATLE船用电伴热带主要用于：船舶、海洋钻井平台、泵体等恶劣环境下的爆炸性气体场合。
HEATLE' s electricity partner tropics ueds for marine is mainly used in shipping, offshore drilling platform, pump body and such as a bad surrounding of explosive gases area.

型号model	最大使用长度 Largest use length	维持温度 Maintain temperature ℃	B class 单价 (Unit price)	A class 单价 (Unit price)
HS-14-CEHP ₂ -J ₃ -20	350	120℃		
HS-14-CEHP ₂ -J ₃ -30	300	95℃		
HS-14-CEHP ₂ -J ₃ -40	260	75℃		
HS-14-CEHP ₂ -J ₃ -60	600	120℃		
HS-14-CEHP ₂ -J ₃ -30	530	100℃		
HS-14-CEHP ₂ -J ₃ -40	460	80℃		
HS-14-CEHP ₂ -J ₃ -50	400	60℃		

技术细节(船用电伴热带) Technical details(ship electricity partner tropics)	
结构construction	如图 A5 drawing
颜色colour	红色 Red
环境空气温度	-25℃~+55℃
热稳定性 Heat stability	由10℃至99℃间来回循环300次，电伴热带发热量维持在90%以上 From 10℃ to 149℃and circulates 300 times, with tropical heat to maintain in 90% above
弯曲半径Bend radius	≥ 电伴热带厚度的6倍
绝缘电阻insulation resistance	≥ 50MΩ/Km
泄漏电流electric current leakage	≤ 0.5MA
使用环境	潮湿空气、盐雾、油雾和霉菌
使用承受力	船舶正常进行中产生的震动和冲击
电压和频率的波动	+6~-10%及 ± 5%

电伴热带专用配件special attachment for electricity partner tropics

产品名称 name of product	防爆温度控制器 Explosion-proof temperature controller	防爆电源接线盒 Explosion-proof junction box power supply	防爆二通(直型)接线盒 The explosion two (straight type) junction box	防爆三通(T型)接线盒 Explosion-proof tee (T) junction box	防爆终端(尾端) Explosion-proof terminal (tail)
图片 photo					
单价Unit price					
型号model	HS-BJW	HS-ZDJH	HS-ZJH-2	HS-ZJH-3	HS-ZJH
额定电压 rated voltage	220V/380V	220V/380V	220V/380V	220V/380V	220V/380V
额定电流 rated current	≤25A	≤25A	≤25A	≤25A	≤25A
防爆标志 Unit price	Exell T ₄	Exell T ₄	Exell T ₄	Exell T ₄	Exell T ₄
防护等级 Protection grade	Ip54	Ip54	Ip54	Ip54	Ip54
适用 Apply	防爆温度控制器与电伴热带配套使用，可以控制管道温度，可以调整温度设定值。 The explosion-proof compatible with electricity partner tropics,it can control the pipeline temperature,and adjust the temperature settings.	防爆电源接线盒用于电源线与电伴热带在防爆区域或潮湿区域的连接。 The explosion-proof power connection boxes can be used for the connection between power cord and electricity partner tropics' s explosion-proof area or wet areas.	防爆二通接线盒用于电伴热带与电伴热带在防爆区域或潮湿区域的连接，增加电伴热带的长度或用于同一管道上配用的不同功率的电伴热带等场合。 The explosion-proof two-way connection boxes can be used for the connection between power cord and electricity partner tropics's explosion-proof area or wet areas. Increasing the length of electricity partner tropic with different power in the same pipeline.	防爆三通接线盒用于电伴热带与电伴热带在防爆区域或潮湿区域的连接，增加电伴热带的长度或用于同一管道上配用的不同功率的电伴热带及三叉管道等较复杂的场合。 The explosion-proof three-way connection boxes can be used for the connection between power cord and electricity partner tropics' s explosion-proof area or wet areas. Increasing the length of electricity partner tropics or used in electricity partner tropic with different power in the same pipeline and trigeminal pipeline.	防爆终端接线盒又称终端接头，用于电伴热带的末端，使电伴热带尾端与外界环境隔绝。 The explosion-proof terminal box also called terminal connector,used in the end of the electricity partner tropics,and isolated the end of the electricity partner tropics from external environment

玻璃纤维电热带
fiberglass electricity parther tropics



玻璃纤维电伴热带是为了解决管道、罐体、槽池、阀门等的高温伴热或局部加热而设计制造的，其绝缘材料采用玻璃纤维，柔软性好，可直接缠绕被加热部位的表面，发热快，热效率高。

Fiberglass electricity partner tropics designed for solving the high temperature heating or local heating of the pipeline,tank body, slot pool,valve and so on. The insulating materials adopt fiberglass of flexibility,it can Wrapped the surface of the heated part,fever fast and high thermal efficiency.

型号 model	引线形式 lead wire form	宽度 width	电压 voltage	功率 power	B class 单价 (Unit price)	A class 单价 (Unit price)
HS-HYJ-1m	单端	30mm	220V/230V	150W		
HS-HYJ-2m	单端	30mm	220V/230V	200W		
HS-HYJ-3m	单端	30mm	220V/230V	250W		
HS-HYJ-4m	单端	30mm	220V/230V	300W		
HS-HYJ-5m	单端	30mm	220V/230V	350W		
HS-HYJ-6m	单端	30mm	220V/230V	400W		
HS-HYJ-8m	单端	30mm	220V/230V	500W		
HS-HYJ-10m	单端	30mm	220V/230V	600W		
HS-HYJ-12m	单端	30mm	220V/230V	700W		
HS-HYJ-15m	单端	30mm	220V/230V	850W		
HS-HYJ-20m	单端	30mm	220V/230V	1100W		

● 特殊规格型号另行设计、定做。We can make as your requirement.

硅橡胶电热带(常规规格如下表)
silastic electricity parther tropics

硅橡胶电热带防水防烫性能好，可用于潮湿环境，该产品主要是有镍铬合金电热丝和硅橡胶高温绝缘布组成。它发热快、温度均匀、热效率高、强度高、安全寿命长，不同功率的产品具有统一的外观和安装尺寸，使用非常方便。

Silastic electricity partner tropics' s waterproof and anti-scald is good,can used in wet surroundings.This product is made of nickel-chromium alloy thermoelectric wire and silastic high temperature insulating fabric.The advantage is fever fast, temperature uniformity, high thermal efficiency, high strength and have long performance life,product with different have the uniform appearance and assembly dimensions, very easy to use.

图片Picture	用途Application	型号Model	电压 voltage	功率 power	B class 单价 (Unit price)	A class 单价 (Unit price)
	硅橡胶电柜加热器 silastic electric cabinet heater	HS-GLF-150x90x3.5	220V/230V	50W		
		HS-GLF-150x90x3.5	220V/230V	75W		
		HS-GLF-185x120x3.5	220V/230V	100W		
		HS-GLF-185x120x3.5	220V/230V	150W		
		HS-GLF-200x150x3.5	220V/230V	200W		
	硅橡胶清洗机加热器 silastic electric washing machine heater	HS-GLF-230x100x3.5	220V/230V	200W		
		HS-GLF-100x50	220V/230V	50W		
		HS-GLF-150x50	110V/115V	75W		
		HS-GLF-150x50	220V/230V	75W		
		HS-GLF-220x60	220V/230V	150W		
	大型硅橡胶加热板 large silastic heating board	HS-GLF-320x60	220V/230V	250W		
		HS-GLF-400x60	220V/230V	320W		
		HS-GLF-420x85	220V/230V	450W		
		HS-GLF-800x800	220V/230V	3000W		
		HS-GLF-1000x1000	220V/230V	5000W		
	硅橡胶管道电伴热带 silastic pipeline with electricity parther tropics	HS-GLF-1000x1500	220V/230V	7500W		
		HS-GLF-1000x2000	220V/230V	10000W		
		HS-GLF-1150x1200	220V/230V	17000W		
		HS-GLF-15x500	220V/230V	25W		
		HS-GLF-15x1000	220V/230V	50W		
		HS-GLF-15x2000	220V/230V	100W		
		HS-GLF-15x4000	220V/230V	200W		
		HS-GLF-15x5000	220V/230V	250W		
		HS-GLF-15x6000	220V/230V	300W		
		HS-GLF-25x1000	220V/230V	70W		
	硅橡胶管道电伴热带 silastic pipeline with electricity parther tropics	HS-GLF-25x2000	220V/230V	140W		
		HS-GLF-25x2500	220V/230V	175W		
		HS-GLF-25x3000	220V/230V	210W		

图片Picture	用途Application	型号Model	电压 voltage	功率 power	B class 单价 (Unit price)	A class 单价 (Unit price)
	硅橡胶管道电伴热带 silastic pipeline with electricity parther tropics	HS-GLF-25x4000	220V/230V	280W		
		HS-GLF-25x5000	220V/230V	350W		
		HS-GLF-25x6000	220V/230V	420W		
		HS-GLF-25x8000	220V/230V	560W		
		HS-GLF-25x10000	220V/230V	700W		
		HS-GLF-30x1000	220V/230V	100W		
		HS-GLF-30x2000	220V/230V	200W		
		HS-GLF-30x2500	220V/230V	250W		
		HS-GLF-30x3000	220V/230V	300W		
		HS-GLF-30x4000	220V/230V	400W		
	硅橡胶油桶加热器 Silicone oil And tropical	HS-GLF-30x5000	220V/230V	500W		
		HS-GLF-30x6000	220V/230V	600W		
		HS-GLF-30x8000	220V/230V	800W		
		HS-GLF-30x10000	220V/230V	1000W		
		HS-GLF-860x200	220V/230V	800W		
	硅橡胶油桶加热器 Silicone oil And tropical	HS-GLF-1740x150	220V/230V	1000W		
		HS-GLF-1740x250	220V/230V	2000W		

● 特殊规格型号另行设计、定做。We can make as your requirement.

其他配件系列
Other accessories series

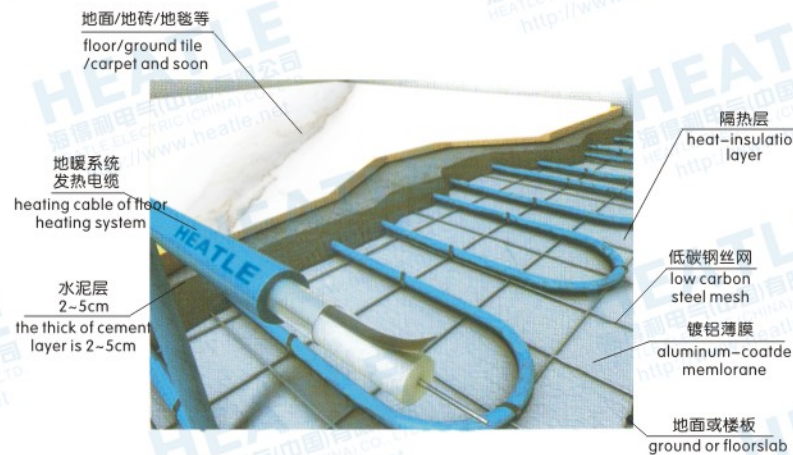
产品名称	耐热压敏胶带 heat-resistance pressure-sensitive adhesive belt	高温胶布 high-temperatuer adhesive belt	铝胶带 aluminium adhesive belt	喉卡 the riser card
图片Picture				
单价Unit price				
适用 appliance	耐热压敏胶带又称固定胶带，是在玻璃纤维基础上涂复特殊粘剂后形成的一种胶粘带，该带宽20mm，厚0.1~0.3mm，长度20m，最高耐温可达200℃。在电伴热系统中，电热带安装后，用该耐热压敏带沿管道径向将电热带定牢，其配备长度视伴热管线直径和长度而定。 Heat-resistance and pressure-sensitive adhesive belt also called Fixed tape.It is a adhesive tape formed after spread special adhesive on the fiberglass,20mm wide,0.1~0.3mm thick,20m long,the maximum withstand temperature is 200° C.In the system of the electricity partner tropics,after fix electricity partner tropics,use Heat-resistance and pressure-sensitive adhesive belt to fixed the electricity partner tropics along the pipeline,the length is depend on partner tropics' s length and diamter.	该宽度为20mm，厚度0.1~0.3mm，长度20m，耐热250℃。 20mm wide,0.1~0.3mm thick,20m long,the maximum withstand temperature is 250° C	铝胶带系薄铝质带涂复特殊的胶粘剂后的一种胶粘带。该带宽50mm，厚0.1~0.3mm，在电伴热系统中主要用于固定电热带，固定温控器的毛细管和感温包，或者用于挠性电热板的辅助固定，其作用除能方便电伴热产品安装固定外，主要是能增大散热面，有利于热传导。 aluminium adhesive belt is a adhesive tape formed after spread special adhesive on the thin aluminum. 50mm wide,0.1~0.3mm thick,it used for fixed electricity partner tropics and parts of the temperature controller in the system of the electricity partner tropics.	喉卡由10mm宽1.0mm厚的不锈钢带及固定卡扣组成。它可以将电热带接线盒等附件固定在管道上。钢带可根据管径大小，按实际需要长度剪切。安装时，调节固定卡扣，即能将接线盒或其他附件固定在管道上，没圈钢带长度是所固定管道外周长的1.1~1.2倍。 The riser card is made of 10mm wide,1.0mm thick' s Stainless steel strip and retaining tabs.it used for fix the attachments on the pipeline. The length of the steel belt depend on the diameter of the pipeline.when install, adjust the retaining tabs,fix the attachments on the pipeline.

地暖系统发热电缆

地热系统属于低温辐射供暖，热量从地面徐徐上升，为您带来足部温暖、头部清新的舒适感受。同时，它避免了传统供暖方式气流带动粉尘在室内飞扬的问题。

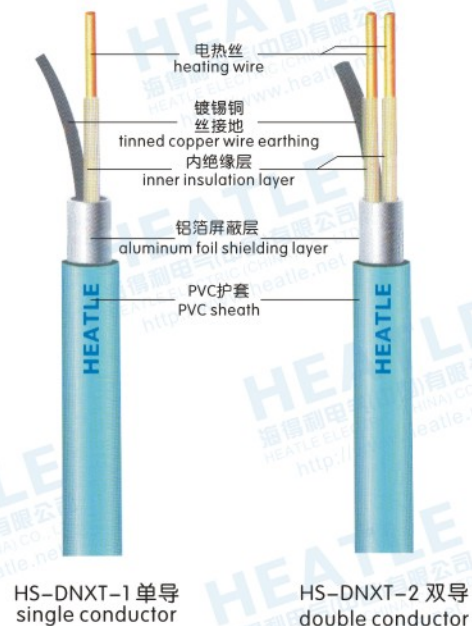
依靠精确的温控器对地面系统进行控制，在客户期望的舒适度和较低的使用费用之间达到最佳平衡。

传统供暖方式，用户不能自己调节温度，而HEATLE地暖系统则可以根据个人需要调节房间温度，真正做到人性化取暖。HEATLE凭借其温控器的精确性，在不影响舒适度的情况下降低平均温度1~3℃，节约10~20%的能量。



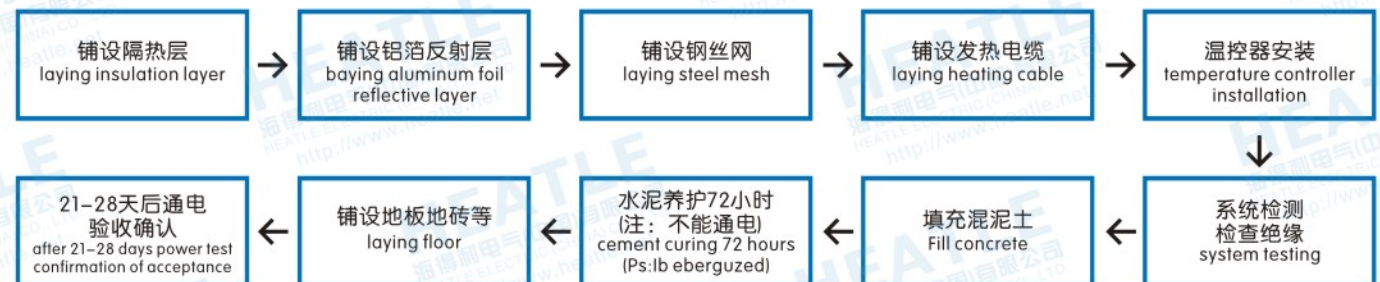
地暖系统发热电缆实际安装图
The actual installation of floor heating system heating cable

Heating cable,PVC heating wire of the floor heating system: floor heating system belong to low- temperature radiant heating, heat slowly rising from the ground,let your feet be warm and in good mood and emotions.In the meantime,it avoid the phenimenon of airflow driven by dust in the indoor flying due to traditional heating method. Rely on precise temperature controller control the ground system,keep balance between low using fee and customer' s expectations of comfort Users can not regulate temperature by themselves when using traditional heating method,but HEATLE' s floor heating system can regulate temperature by themselves,truly achieve humanization heating. Without affecting the comfort conditions,HEATLE according to it' s precision on temperature controller, thrif10~20% power when reduce the average temperature 1~3℃



地暖系统施工流程Construction process of floor heating system

安装之前，确认施工图预，预留温控器位置，地面平整保持干净。工作现场具备水电供应。
Before installation,pls confirm construction drawing reserve positing for temperature controller,keep ground clean work site need supply water and electricity



技术细节(地暖系统电伴热带)Technical details (floor heating system electric tracing band)	
外形材质 shape material	PVC护管 PVC protecting tubes
屏蔽层 shielding layer	地暖系统发热电缆使用过程中，由于电流的作用在周围形成电磁场，通过金属屏蔽层的有效保护，把电磁场控制在导芯内，使之不能向外扩散，再由接地线，将磁场引入大地。 In the process of using,heating cables of floor heating system,due to thecurrent,a role of electromagneticfields form,and the electromagnetic lead due to the protection of the metel shielding layer,and lead it into the groundby earthing.
接地 earthing	镀锡铜丝8x0.4 tinned copper wire
绝缘层 insulation layer	交联聚乙烯(XLPE) crosslinked polye thy lene
发热导芯 heating core	电热丝额定功率18.5W/m heating wire rated output

HEATLE地暖系统常规规格 Standard specification of HEATLE floor heating system

图片pictures	型号model	长度length	功率W/m	电阻值Resistance value	总功率Total power	单价Unit price
	HS-DNXT-1-170	170	18.5	15.4	3150	
	HS-DNXT-1-151	151	18.5	17.3	2800	
	HS-DNXT-1-140	140	18.5	18.6	2600	
	HS-DNXT-1-129	129	18.5	20.2	2400	
	HS-DNXT-1-118	118	18.5	22	2200	
	HS-DNXT-1-108	108	18.5	24.2	2000	
	HS-DNXT-1-95	95	18.5	27.5	1760	
	HS-DNXT-1-86	86	18.5	30.3	1600	
	HS-DNXT-1-75	75	18.5	34.6	1400	
	HS-DNXT-1-64	64	18.5	40.3	1200	
	HS-DNXT-2-170	170	18.5	15.4	3150	
	HS-DNXT-2-151	151	18.5	17.3	2800	
	HS-DNXT-2-140	140	18.5	18.6	2600	
	HS-DNXT-2-129	129	18.5	20.2	2400	
	HS-DNXT-2-118	118	18.5	22	2200	
	HS-DNXT-2-108	108	18.5	24.2	2000	
	HS-DNXT-2-97	97	18.5	26.9	1800	
	HS-DNXT-2-86	86	18.5	30.3	1600	
	HS-DNXT-2-74	74	18.5	35.5	1370	
	HS-DNXT-2-67	67	18.5	38.7	1250	
	HS-DNXT-2-54	54	18.5	48.4	100	
	HS-DNXT-2-45	45	18.5	57.6	840	
	HS-DNXT-2-37	37	18.5	69.1	700	
	HS-DNXT-2-32	32	18.5	80.7	600	
	HS-DNXT-2-27	27	18.5	96.8	500	
	HS-DNXT-2-21	21	18.5	121	400	
	HS-DNXT-2-16	16	18.5	161.3	300	

发热电缆产品使用安全可靠，右图为防止房屋积雪，防止幼猪冻伤。

Heating cable products use safe, reliable, and the right to prevent housing snow, prevent frostbite young pigs.



具体安装说明可咨询海得利电气(中国)有限公司

Specific installation instructions can seek advice HEATLE ELECTRIC(CHINA)CO.,LTD.

技术细节Technical details	
电压 Voltage	220V/230V
功耗 power consumption	2W
温控范围 etperature range	5~50℃
限制范围 limit range	4~99℃
温度开关偏差 temperature swith bias	0.5℃
环境温度 surrounding temperature	-5~+50℃
负载电流 load current	16A
外壳材质 shell material	阻燃PC Flame-retardant PC

技术细节Technical details	
外径 out diameter	Φ6.5~Φ6.8mm
冷线长度 leneth of cold wire	2.25m
输入电压 input rolltage	220V
功率偏差 power deriation	+5%~-10%
绝缘电阻 insulating resistance	≥1MΩ
线性功率 linear power	18.5W/m
表面最大温度 the matimum surface temperature	65℃
最小弯曲距离 the minimum bend distance	40mm



矿物绝缘电缆系列

Mineral insulated cable series

HEATLE

- 01. Conventional stainless steel heating cable-----G03
- 02. Armoured thermocouple wire-----G05
- 03. Thermocouple Element-----G06
- 04. Mineral insulated cables technology parameters-----G07
- 05. Intermediate Connector Series Show-----G10

海得利电气(中国)有限公司
HEATLE ELECTRIC (CHINA) CO., LTD.

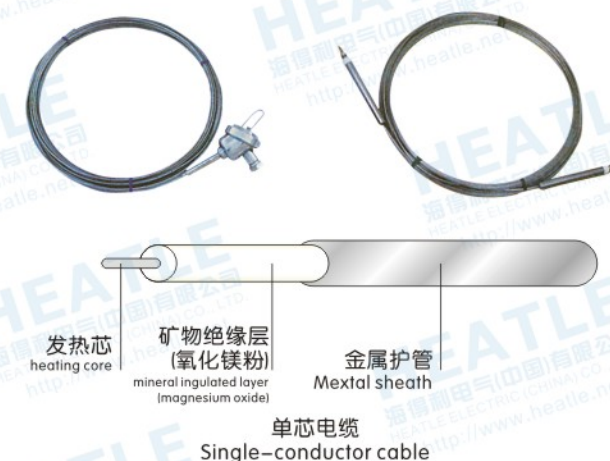
HEATLE 海得利电气(中国)有限公司
HEATLE ELECTRIC (CHINA) CO., LTD.

Http://www.heatle.net
E-mail:heatle@heatle.net

矿物绝缘不锈钢发热电缆、铜发热电缆

矿物绝缘发热电缆是由金属线芯(发热体)、线芯周围紧密环绕着矿物绝缘层(氧化镁)及经过多次拉制过的金属管(通常是不锈钢、铜、316L等)构成,必要时,可在金属护套外挤包一层塑料护套或低烟无卤外护套。

矿物绝缘发热电缆适用于工业或建筑领域的防冻及工业介质的保温盒升温。尤其是需要高输出功率或者需要承受高温蒸汽吹扫的管道,在要求防腐防爆的环境中,MI矿物绝缘发热电缆更能显现优良特性。



矿物绝缘发热电缆具有如下特征

- ①因加热电缆全部由不燃烧的无机物组成,所以产品防火、阻燃,不释放有毒气体,零燃烧能。
- ②加热电缆本身的使用温度极限就是组成线芯及金属外护套层所承受的最高温度,工作温度等级高,最高可承受800℃高温。
- ③绝缘层为氧化镁,线芯及护套由金属构成,从根本上解决了老化问题,最大程度的延长了电缆的使用寿命。
- ④产品采用不同外套管能耐油类、溶剂及大多数酸类的侵蚀。具有良好化学稳定性,耐太阳辐射及抗核辐射。
- ⑤技术护套防爆性能及电磁屏蔽性能优异,可兼做接地回路。
- ⑥机械性能好,因其结构坚固,能耐扭绞、挤压、弯曲、拉、摩擦及一般的起重搬运。
- ⑦采用串联电阻型电热元件,因此发热均匀,全长温差极小,其发热功率大,一般为30~200W/m之间。
- ⑧矿物绝缘加热电缆在安装时禁止交叉和从重叠使用,MI冷端接头禁止弯曲,且冷端及接线盒应放在保温层外面。

Mineral insulated heating cable has the following characteristics

- ① Because the heating cables all be compositioned by a non-combustible inorganic, so products is fire prevention, flame retardant, did not release toxic gases and zero energy of combustion
- ② Heating cables themselves using the temperature limit is composed of core and a metal outer sheath layer to withstand the highest temperature, temperature of high level, highest can withstand 800 degrees high temperature
- ③ Insulating layer is magnesium oxide, core and sheath are made of metal, which solved the problem of aging on the fundamental and the greatest degree of prolonging is the service life of the cable
- ④ Products with different outer tube oil that are resistant to the erosion of oils ,solvents and most acids.Their have good chemical stability, high solar radiation and nuclear radiation resistant.
- ⑤ Technical jacket has good explosion-proof performance and electromagnetic shielding performance, it can also be catered to the ground loop.
- ⑥ Good mechanical properties, because of its solid structure, is resistant to twisting, extrusion, bending, tension, friction and general rough handling.
- ⑦ It used the series resistance type heating element, so the heating is uniform, the temperature minimum length, the heating power, generally between 30~200w/m
- ⑧ Mineral insulated heating cable installation prohibits intersecting and overlapping use, MI cold zone joint against bending, the cold zone and the junction box should be placed on the outside of the thermal insulation layer.



G.Mineral insulated cable series

产品分类

根据外护套材料不同MI加热电缆分为:

铜护套矿物绝缘加热电热-(M9CU)

铜镍合金护套矿物绝缘加热电缆-(M9CN)

不锈钢护套矿物绝缘加热电缆-(M9SS)

825合金护套矿物绝缘加热电缆-(M9AL)

product classification

According to the material of the different outer case,MI heating cable can be divided into

M9CU

M9CN

M9SS

M9AL

典型应用领域

石油化工: 苯、苯乙烯、苯二醛、乙二酸、丙二醇、氯、尼龙、合成纤维、树脂等工艺管线和容器。

炼油: 原油管线;

蜡、沥青、重油、渣油、蒸馏、绿化裂解、硫、焦化等管线;

气体管线房冷凝; 催化剂气化反应堆预热;

液化石油气和天然气储罐防霜冻。

电力: 高压给水、高压冷凝、排污排气、蒸汽、仪表、酸碱和重油

点火油路、核电站堆设备和螺旋加热器。

冶金: 高温输送管线、锅炉前管道工程。

制药: 油脂、软管、油霜。

application zone

Petrochemicals: process pipeline and container of benzene, styrene, phthalaldehyde, dicarboxyl, propanediol, chlorine, nylon, synthetic fiber and resin

oil refining: crude oil pipeline

wax,pitch, heavy oil, residual oil,distill, Green cracking, sulphur,coking and so on

Gas pipelines room condensation, Catalyst for the gasification reactor warm-up

Liquefied petroleum gas and natural gas storage tank frost

electric power: High-pressure watersupply, High-pressure condensate, drain contamination and blowdown,steam and so on

metallurgy: High temperature pipelines,pipe work

pharmacy:oil,hose,oil bloom



管道 Pipeline



电厂 Power plant



石油 Oil



家居 Household



公路 Highway



跑道 Runway

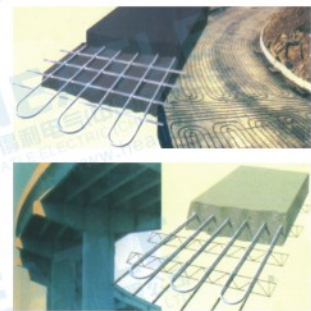
型号Type	护套材料 Sheath Material	维持温度 Maintenance	最高承受温度 Max Exposure temp. °C	主要应用Application
M9CU	铜Copper	200	250	工艺保温, 长输管线 Process maintenance applications
M9HC	铜+HDPE Copper+HDPE	65	90	防腐及埋地应用 Corrosive-resistant undergroun application
M9CN	铜镍Copper+Nicker	325	400	工艺保温及升温 Process maintenance applications
M9SS	不锈钢Stainless Steel	400	600	高温管线及防腐场合 Hige temperature pipe and corrosive-resistant
M9AL	825合金Alloy 825I	600	800	高温管线及防腐场合 High temperature pipe and corrosive-resistant

常规不锈钢发热电缆Conventional stainless steel heating cable

型号 Model	单/双芯 Single/double core	直径(mm) Diameter	长度(m) Length	电压(V) voltage	功率/米W/m	极限温度 Limit temperature	B class 单价 (Unit price)	A class 单价 (Unit price)
HS-M9-3.0x2-220	单芯 Single core	3.0	2	220	100			
HS-M9-3.0x2-380		3.0	2	380	100			
HS-M9-3.0x3-220		3.0	3	220	100			
HS-M9-3.0x3-380		3.0	3	380	100			
HS-M9-3.0x5-220		3.0	5	220	100			
HS-M9-3.0x5-380		3.0	5	380	100			
HS-M9-3.0x8-220		3.0	8	220	100			
HS-M9-3.0x8-380		3.0	8	380	100			
HS-M9-3.0x10-220		3.0	10	220	100			
HS-M9-3.0x10-380		3.0	10	380	100			
HS-M9-3.0x11-220		3.0	11	220	100			
HS-M9-3.0x11-380		3.0	11	380	100			
HS-M9-3.0x13-220		3.0	13	220	100			
HS-M9-3.0x13-380		3.0	13	380	100			
HS-M9-3.0x15-220		3.0	15	220	100			
HS-M9-3.0x15-380		3.0	15	380	100			
HS-M9-3.0x20-220		3.0	20	220	50			
HS-M9-3.0x20-380		3.0	20	380	90			
HS-M9-3.0x25-220		3.0	25	220	30			
HS-M9-3.0x25-380		3.0	25	380	80			
HS-M9-3.0x30-380		3.0	30	380	70			
HS-M9-3.0x35-220		3.0	35	220	40			
HS-M9-3.0x35-380		3.0	35	380	40			
HS-M9-3.0x40-220		3.0	40	220	40			
HS-M9-3.0x40-380		3.0	40	380	40			
HS-M9-3.0x50-220		3.0	50	220	40			
HS-M9-3.0x50-380		3.0	50	380	40			
HS-M9-3.0x70-220		3.0	70	220	40			
HS-M9-3.0x70-380		3.0	70	380	40			
HS-M9-3.0x100-220		3.0	100	220	30			
HS-M9-3.0x100-380		3.0	100	380	30			
HS-M9-3.0x125-220		3.0	125	220	30			
HS-M9-3.0x125-380		3.0	125	380	30			
HS-M9-3.0x150-220		3.0	150	220	30			
HS-M9-3.0x150-380		3.0	150	380	30			
HS-M9-3.0x200-220/380		3.0	200	220/380	20			
HS-M9-3.0x250-220/380		3.0	250	220/380	17			
HS-M9-3.0x300-220/380		3.0	300	220/380	15			
HS-M9-3.5x2-220		3.5	2	220	100			
HS-M9-3.5x2-380		3.5	2	380	100			
HS-M9-3.5x3-220		3.5	3	220	100			
HS-M9-3.5x3-380		3.5	3	380	100			
HS-M9-3.5x5-220		3.5	5	220	100			
HS-M9-3.5x5-380		3.5	5	380	100			
HS-M9-3.5x8-220		3.5	8	220	100			
HS-M9-3.5x8-380		3.5	8	380	100			
HS-M9-3.5x10-220		3.5	10	220	100			
HS-M9-3.5x10-380		3.5	10	380	100			
HS-M9-3.5x11-220		3.5	11	220	100			
HS-M9-3.5x11-380		3.5	11	380	100			
HS-M9-3.5x13-220		3.5	13	220	100			
HS-M9-3.5x13-380		3.5	13	380	100			
HS-M9-3.5x15-220		3.5	15	220	100			
HS-M9-3.5x15-380		3.5	15	380	100			
HS-M9-3.5x20-220		3.5	20	220	50			
HS-M9-3.5x20-380		3.5	20	380	90			
HS-M9-3.5x25-220		3.5	25	220	30			
HS-M9-3.5x25-380		3.5	25	380	80			
HS-M9-3.5x30-380		3.5	30	380	70			
HS-M9-3.5x35-220		3.5	35	220	40			
HS-M9-3.5x35-380		3.5	35	380	40			
HS-M9-3.5x40-220		3.5	40	220	40			
HS-M9-3.5x40-380		3.5	40	380	40			
HS-M9-3.5x50-220		3.5	50	220	40			
HS-M9-3.5x50-380		3.5	50	380	40			
HS-M9-3.5x70-220		3.5	70	220	40			
HS-M9-3.5x70-380		3.5	70	380	40			

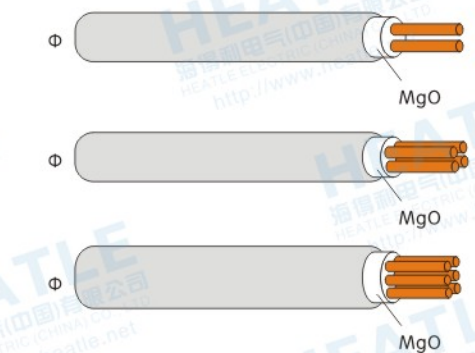
常规不锈钢发热电缆Conventional stainless steel heating cable

Table with 9 columns: Model, Single/double core, Diameter, Length, Voltage, Power, Limit temperature, B class price, A class price. It lists various heating cable specifications and their corresponding prices.



Technical details (metal heating cable) table with 2 columns: Item and Description. It provides detailed specifications for the heating cable, including material, insulation, voltage, length, resistance, leakage current, and installation requirements.

铠装偶丝Armoured thermocouple wire



铠装偶材(铠装丝),国际上称为MI电缆, 是制造铠装热电偶的材料。分度号有K、E、N、T、J、S、R、B, 外直径从0.5-10.8, 外套管材料有: 321, SUS310 (2520), SUS316, 304, GH3030, INCONEL-600, 最高使用温度1300℃。铠装偶材(铠装丝)的详细介绍铠装偶材(铠装丝),国际上又称之为无机物绝缘热电偶电缆, 是由不锈钢保护管(1)、氧化镁绝缘粉(2)、热电偶丝材(3)组合后经模具压实的坚实整体, 具有耐压、抗震、可挠、小型化、热响应时间快等优点, 是制造铠装热电偶的核心材料。

MI cable is the material manufactured thermocouple. The model indexing have K, E, N, T, J, S, R, B. The outer diameter from 0.5 to 10.8. The outer sheath materials have 321, SUS310(2520), SUS316, 304, GH3030, INCONEL-600, the max temperature used is 1300℃. Internationally, also known as mineral insulated thermocouple cable which is protected by a stainless steel tube(1), MgO insulation powder(2), thermocouple wire(3) after die compaction of combined sold overall. It has pressure, seismic, flexible and miniaturization, thermal response time ect. the core material for manufacture of thermocouple. 1. product name, model indexing, the jacket tube material and the use of temperature.

铠装丝类型和尺寸Armored type and size:

Table with 7 columns: Armored outer dia, Wire dia, Wall thickness, Model, Armouring material, extreme length, weight. It lists various armored thermocouple wire specifications and their corresponding dimensions and weights.

哈氏合金: Hastelloy alloy, 镍铬硅铸铁: Nickel ohromium cast iron.

热电偶丝

Thermocouple Element

热电偶型号如下页所述
Element types are shown below



序号 Serial number	分度号 TYPE	丝材名称 Wire materials	计量单位 Measuring unit	直径 Diameter mm φ	执行标准 Standards	备注Note
1		高纯铂丝High pure platinum wire	克(g)	0.018起	GBn67-83	精密仪器传感器专用
2		银丝silver wire		0.018起	GBn67-83	
3		铂铱丝Platinum iridium wire		0.018起		
4		铂铑铂丝Platinum rhodium palladium wire		0.0018起	企标	
5		铂铑丝Platinum Rhodium wire		0.5	企标	
6		超细铂铑丝Super fine Platinum Rhodium wire		0.018起	IEC	测温材料铂电阻专用
7		金丝golden wire		0.018起	企标	
8		箔材Metal wood		0.05起	企标	
9	S	铂铑10/铂Pt-10Rh/Pt	千克(kg)	0.5	IEC	测温材料热电偶专用
10	R	铂铑13/铂Pt-13Rh/Pt		0.5	IEC	测温材料热电偶专用
11	B	铂铑30/铂铑6Pt-30Rh/Pt-6Rh		0.5	IEC	测温材料热电偶专用
12	K	镍铬-镍硅Ni-Cr--Ni-Si				
13	J	铁-铜镍Iron-copper nickel				
14	E	镍铬-铜镍Ni-Cr--copper nickel				
15	T	铜-铜镍copper-copper nickel				
16	N	镍铬硅-镍硅Ni-Cr-Si--Ni-Si				

矿物绝缘电缆技术参数:
Mineral insulated cables technology parameters:

型号 Model	导体芯数 × 标准截面 Number of cores × Standard cross section size	电缆外径 External diameter of the cable		额定载流量 Rated current capacity		铜护套 横截面积 Cross section size of copper sheath	成品电缆 最大长度 Maximum length of a finished cable	近似重量 Theoretical Weight	
		裸电缆 Bare cable	塑料护层 Bare cable	裸电缆 Bare cable	塑料护层 Bare cable			裸电缆 Bare cable	塑料护层 Bare cable
BTTQ (BTTVQ)	mm ²	mm	mm	A	A	mm ²	m	Kg/km	Kg/km
	2 × 1.0	5.1	6.4	17.5	19.5	60	800	104	125
	2 × 1.5	5.7	7.0	22.5	25	7.1	800	130	153
	2 × 2.5	6.6	7.9	30	33	9.4	600	179	205
	2 × 4	7.7	9.2	40	44	12.1	450	248	287
	3 × 1.0	5.8	7.1	15	16.5	7.6	800	135	159
	3 × 1.5	6.4	7.7	19	21	8.9	650	168	193
	3 × 2.5	7.3	8.8	25	28	10.7	500	224	261
	4 × 1.0	6.3	7.6	14.5	16	8.8	700	161	187
	4 × 1.5	7.0	8.3	19	21	10.2	550	202	230
	4 × 2.5	8.1	9.6	25	28	12.8	400	278	319
	7 × 1.0	7.6	9.1	10	11	11.6	650	233	271
	7 × 1.5	8.4	9.9	12.5	14	13.3	530	291	333
	7 × 2.5	9.7	11.2	17	19	17.4	400	407	455
	1 × 1.5	4.9	6.2	30	33	5.8	1000	91	117
	1 × 2.5	5.3	6.6	39	43	6.4	1000	116	137
	1 × 4	5.9	7.2	51	56	7.7	1000	146	170
	1 × 6	6.4	7.7	63	69	8.9	900	180	206
	1 × 10	7.3	8.8	81	90	10.7	700	241	278
	1 × 16	8.3	9.8	107	119	13.2	560	329	371
BTTZ (BTTVZ)	1 × 25	9.6	11.1	139	154	17.0	425	455	502
	1 × 35	10.8	12.2	168	187	20.2	340	584	637
	1 × 50	12.1	13.6	207	230	24.7	250	773	831
	1 × 70	13.7	15.2	251	279	30.9	220	1022	1088
	1 × 95	15.4	17.4	300	333	36.7	220	1315	1403
	1 × 120	16.8	18.8	344	382	42.6	190	1604	1701
	1 × 150	18.4	20.4	388	431	49.5	155	1950	2054
	1 × 185	20.4	22.9	434	482	58.1	125	2360	2496
	1 × 240	23.3	25.8	483	537	70.1	99	2993	3147
	1 × 300	26.0	28.6	795	883	86.7	80	3680	3852
	1 × 400	30.0	32.8	948	1053	110.8	60	4805	5007
	2 × 1.5	7.9	9.4	23.5	26	12.5	560	230	270
	2 × 2.5	8.7	10.2	32	36	14.6	480	284	317
	2 × 4	9.8	11.3	42	47	17.6	360	365	413
	2 × 6	10.9	12.4	54	60	20.9	300	459	512
	2 × 10	12.7	14.2	74	82	26.7	230	634	695
	2 × 16	14.7	16.2	98	100	34.1	170	871	941
	2 × 25	17.1	19.1	128	142	43.4	130	1201	1299
	3 × 1.5	8.3	9.8	20	22	13.9	550	260	302
	3 × 2.5	9.3	10.8	27	30	16.1	440	332	378
	3 × 4	10.4	11.9	36	40	19.3	350	426	477
	3 × 6	11.5	13.0	46	51	23.1	270	537	593
	3 × 10	13.6	15.1	62	69	30.3	200	768	833
	3 × 16	15.6	17.6	83	92	38.1	150	1050	1140
	3 × 25	18.2	20.2	108	120	47.4	100	1460	1564
	4 × 1.5	9.1	10.6	20.5	23	15.8	450	312	358
	4 × 2.5	10.1	11.6	27	30	18.5	3600	395	444
	4 × 4	11.4	12.9	36	40	22.9	300	519	574
	4 × 6	12.7	14.2	46	51	26.7	220	658	719
	4 × 10	14.8	16.3	61	68	34.4	170	927	997
	4 × 16	17.3	19.3	80	89	45.8	148	1353	1455
	4 × 25	20.1	22.6	104	116	56.0	124	1822	1956
	7 × 1.5	10.8	12.3	14	15.5	20.7	260	444	496
	7 × 2.5	12.1	13.6	19	21	24.7	240	562	620
	10 × 1.5	13.5	15.0	12.5	13.5	26.0	180	638	703
	10 × 2.5	15.2	17.2	17	19	29.7	150	836	924
	12 × 1.5	14.1	15.6	11.5	13	32.2	160	706	774
	12 × 2.5	15.6	17.6	15.5	17	38.1	150	907	997
	19 × 1.5	16.6	18.6	10	11	41.6	120	982	1077

交货时以实际交货长度为准
Base on actual delivery length



明敷 visibly



支架 Installation



梯式桥架 Bracket



槽式桥架 Ladder bridge



吊架 Tank Bridge



沿墙 Side wall



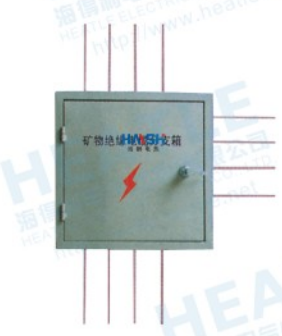
桥架 Bridge trestle



支架 Support



吊架 Hanger



分支箱 Hanger



主动力分支线路 Branch box



消防线路

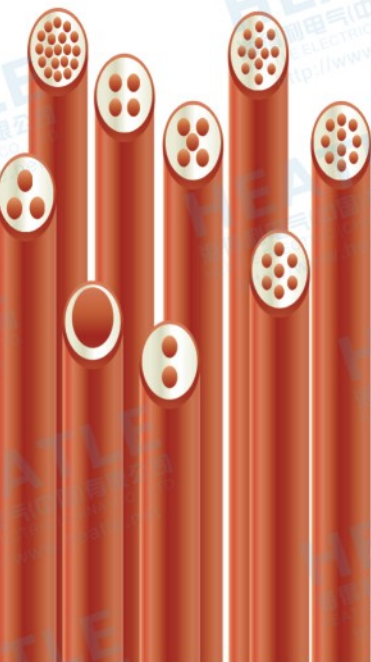
Main power branch circuit



消防线路 Fire circuit

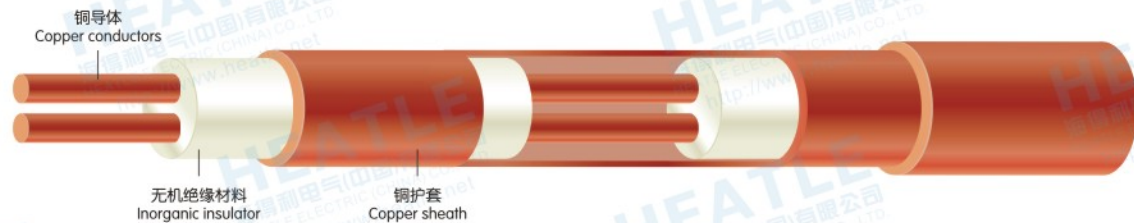
矿特绝缘电缆展示

矿特绝缘电缆样品 Samples of Mineral Insulated Cables



安装示意图Installation drawing

项号 Item number	敷设方式示例 Example of laying approach	说明 Explanation
1		单芯或多芯电缆-固定敷设在木墙上 Single-core or multi-core cables Fixed on a wooden wall
2		单芯或多芯电缆-固定敷设在砖墙上 Single-core or multi-core cables Fixed on a brick wall
3		-直接固定在木质的天花板下 Directly fixed under a wooden ceiling
4		-敷设在无孔托盘上 Laid on a tray without holes
5		-敷设有孔托盘上 Laid on a tray with holes
6		-敷设在托架或金属网上 Laid on a supporter or metal net
7		-敷设在梯架上 Laid on a scarpment
8		-吊装在悬索上 Hung on a suspension line
9		-电缆直埋在砖墙内 Vertically buried in a brick wall
10		-电缆敷设在墙内或天花板的线槽里 Laid inside a wall or notch in the ceiling



1.矿物绝缘电缆防火

矿物绝缘电缆由于氧化镁组成材料全都是用无机物，不但本身无法自燃，更不会引发火源，这从根本上决定了电缆不可能燃烧或助燃。因此在火灾情况下仍然可以继续运行，保持了供电，火灾消除后电缆无需更换。这是一种真正意义上的防火材料。

2.安全环保

电缆内的材料为无机物（不锈钢、和铜、氧化镁）组成，因而电缆在1000℃以上烧烤，不会对铜，不锈钢有破坏性。在高温下燃烧也不会产生烟雾，如卤素是有毒气体。矿物电缆是真正意义上无烟无毒，无二次灾害污染，实现绿色环保安全产品。

3.过载能力强，流量大

对于相同过截面的电缆而言，橡胶塑料电缆因流量大而引发绝缘发热、老化、或击穿燃烧。矿物绝缘电缆与普通电缆相比电流过截能力提高2-3倍。如过截发热达不到通的熔点温度，电缆时不会受损的，电缆内的氧化镁遇到高温时不会形成碳化。过载消除后的电缆性能不会产生变化仍可继续正常使用。

4.屏蔽性能好

矿物绝缘电缆铜护套和不锈钢护套是最佳的屏蔽保护层。可以防止电缆本身对其他线缆干扰，又可以阻止外界电磁场对自身干扰。

5.耐机械磨损 矿物绝缘电缆坚固耐用，可经受剧烈的外力敲打，撞击，挤压而不会损害其通性能，在电缆外径压扁至原来的三分之一的时候仍可以正常工作。电缆一般不需要附加的机械保护。

6.防水

由于矿物绝缘电缆采用无缝铜管，不锈钢无缝管，终端连接采用密封又可以长期浸泡水中使用。喷水救火时，不会漏电，能正常供电。

7.耐高温

考虑到使用寿命，矿物绝缘电缆正常连接工作温度为250℃以下。实际上，它可以在950℃温度正常工作3小时以上，甚至在接近铜的熔点1083℃的温度短时工作，而氧化镁绝缘材料在这样的温度下是不会发生任何性质变化。不锈钢矿物绝缘电缆正常工作400℃以下，在1100℃温度可以连续运行供电，不锈钢熔点为1450℃，内材质氧化镁熔点2800℃。

8.防爆

矿物绝缘电缆时采用无缝铜管和不锈钢无缝管做外护套，紧密压实的氧化镁绝缘材料和铜

芯组成，可经受巨大外界冲击力，并可以阻止蒸汽、气体和火焰到达与电缆连接的电气设备。在化工和易燃易爆环境中可杜绝由电缆引起的连锁爆炸，因此电缆具有防爆特性。

9.耐腐蚀

矿物绝缘电缆时采用无缝铜管和不锈钢本身具有较好的耐蚀性。在大多数情况下。它不需要采取任何附加的保护措施。因此，特别适合化学腐蚀环境和场合敷设的需要。耐在对铜护套有腐蚀的特殊环境中，电缆的外面加一层PVC护套，因此电缆具有较好的耐腐蚀性。

10.电缆外径小

在相同的载流量的条件下，矿物绝缘电缆的外径比其它有机类型电缆的外径要小的多，这就意味着对安全敷设以及旧路线的改造带来很大的方便。矿物绝缘电缆和同规格塑料电缆相比，外径要小5%，重量要轻3%。安装时既方便又占用空间又小。

11.耐核辐射

由于电缆的全部机构材料均无机材料，经辐射后不会发生任何变化，因此适合应用于核辐射的环境。

12.电磁磁相容性 矿物绝缘电缆由于其独特的结构特点，对电磁脉冲能提供一个高度的屏蔽效果。

13.弯曲半径小

矿物电缆经充分退火后，具有一般塑料电缆所无法相比的可弯曲性，最小弯曲半径为电缆外径的3-7倍。所以安装方便，减少了线路铺设所占用的空间，适合代替母线缆。

14.接地

矿物绝缘电缆一般不需要单独的接地线，因为电缆的铜护套已经起到了地线的作用，也就是说它比一般的电缆可节省一根地线。在一些场合下，铜护套也作为中线使用。

15.使用寿命长

矿物绝缘电缆全部由无机材料所构成，它不老化，使电缆具有稳定性和长寿命，即使在250℃条件下也可达数百年上，可作为永久性敷设。电缆可如设备移位，线路改进而重新拆装，重复使用。

16.安装方便 美观大方

由于矿物绝缘成品电缆是经完全退火的，所以它有很好的柔韧性，它可弯成任何复杂的形状而不损坏电缆。在电缆安装敷设中，可使用专用工具，施工方便，而且也特别美观。

The MI cable is made up of seamless copper and steel seamless pipe sheath, magnesium oxide powder compacted a tightly solid, it can with stand great external impact and prevent the steam, gas and blaze into the electrical equipment connected with the cable. In the chemical and flam mable and explosive environment, eliminating the cable caused by a chain explosion, So it has the quality of explosion proof.

9. Endurance cauterization

The copper and stainless steel which is the material of MI cable bear better endure cauterization. It need nothing additive protection measures in general instance. So it is specially fitted for using in chemical canker enviroment. The MI cable may has a PVC coating for using in special enviroment.

10. Small diameter of the cable

MI cable has the much smaller diameter than other kinds of cable at the same current carrying capacity. So it is very conveniece for safely layingand alteration of old cable. Compared with normal plastic cable with the same dimension, MI cable outer diameter is smaller 5%, the weight lighter 3%, it is easier and occupying smaller space once installing.

11. Endure nucleus radiation

MI cable is made of inorganic materiats, it will not be any changeed after nucleus. So it is suitable for using in radiation enviroment.

12. MI cable has a unique configuration, it can offer a great shied effect to electromagnetism impulse.

13. Small winding diameter

After anneal, mineral insulated cable has the fuction of winding, with which normal cable can not compare. The minimum winding diameter is 3-7 times of outer diameter of the cable. so it is easy to install, which reduces room, and it is adopted to replace generatrix.

14. Earthing

MI cable is not necessary to use sole earthing, because the copper jacket is the earthing, is can save a earthing to the other kinds of cable, the copper jacket can be used as earthing in some situation.

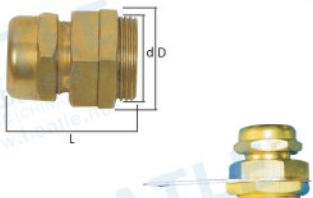
15. Long Using Life

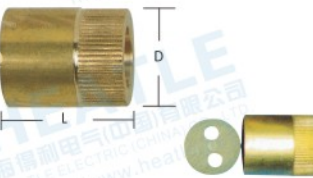
MI cable is made up of inorganic materials, it is not easy aged and provided with stability and long using life, even if it is used more than 100 years in 250℃, it can be laid forever, Cable can be equated with shifting elements improving the line and then re-use.

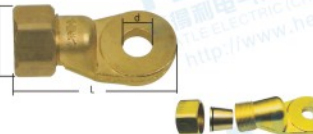
16. Convenience for Istallation Beauty and in Good Taste

The finished product of MI cable has been annealed completely, so it has very good flexility, it can be bended to figure in any complicated shape, but it is not be attainted, it can be laid by special tool convenience, it is very beautiful when be laid on the wall.

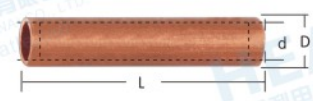
中间连接器系列展示
Intermediate Connector Series Show

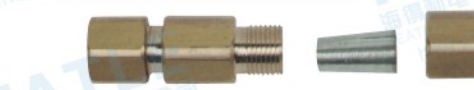
终端封套 Terminal cover	型号 Model	D(mm)	d(mm)	L(mm)	电压等级 Voltage class	适用的电缆规格 Specifications of applicable cable
	ZD-I	M20	24	34	750V	1×1-1×35, 2×1-2×6, 3×1-3×4, 4×1-4×2.5
					500V	1×1-1×4, 2×1-2×4, 3×1-3×2.5 4×1-4×2.5, 7×1-7×2.5
	ZDII	M25	29	37	750V	1×50-1×95, 2×10-2×16, 3×6-3×16 4×4-4×10, 7×1-7×4, 10×1.5-10×2.5 12×2.5
	ZD-III	M32	36	38	750V	1×120, 1×150, 2×25, 3×25, 4×16, 19×15
	ZD-IV	M40	45	42	750V	1×185, 1×240, 4×25
	ZD-V	M42	46	56	750V	1×300, 1×400

终端及中间连接密封罐 Terminal and middle connection seal tank	密封罐规格 Seal mode	d(mm)	L(mm)	电压等级 Voltage class	适用的电缆规格 Specifications of applicable cable
	20	15	17	750V	1×1-1×35, 2×1-2×6, 3×1-3×4, 4×1-4×2.5
				500V	1×1-1×4, 2×1-2×4, 3×1-3×2.5 4×1-4×2.5, 7×1-7×2.5
	25	21	25	750V	1×50-1×95, 2×10-2×16, 3×6-3×16 4×4-4×10, 7×1-7×4, 10×1.5-10×2.5 12×2.5
	32	26.5	32	750V	1×120, 1×150, 2×25, 3×25, 4×16-19×15
	40	33.5	40	750V	1×185-1×240, 4×25
	50	36.5	50	750V	1×300-1×400

压装型接线端子 Pressing installation-type wiring terminal	序号 Number	L(mm)	d(mm)	L(mm)	电压等级 Voltage class	适用的电缆规格 Specifications of applicable cable
	YZ-I	52.5	22	8	750V	1×35
	YZ-II	52.5	22	10.5	750V	1×50 1×95
	YZ-III	72	27	12	750V	1×120 1×150
	YZ-IV	88	32	14	750V	1×185 1×240
	YZ-V	101	40	16	750V	1×300 1×400

压装型接线端子(铜鼻子) Pressing connection-type wiring terminal(copper fastener)	导体截面mm² Cross section of conductors mm²	端子型号 Terminal model	d(mm)	D(mm)
	6	DT-4	2.8	5
	10	DT-6	3.5	6
	16	DT-10	4.5	8
	25	DT-16	6	9

中间连接套管规格 Specifications of middle connecting casings	型号 Model	L(mm)	D(mm)	d(mm)	型号 Model	适用的电缆规格 Specifications of applicable cable
	ZJ-I	260	28	22	BTTZ	1×1-1×35, 2×1-2×6, 3×1-3×4, 4×1-4×2.5
					BTTQ	3×1-3×2.5, 4×1-4×2.5, 7×1-7×2.5 1×1-1×4, 2×1-2×4
	ZJII	280	36	30	BTTZ	1×50-1×95, 2×10, 2×16, 3×6-3×16 4×4-4×10, 7×1-7×4, 10×1.5, 10×2.5 12×2.5, 12×2.5
	ZJ-III	320	43	37	BTTZ	1×120, 1×150, 2×25, 3×25, 4×16, 19×15
	ZJ-IV	320	50	44	BTTZ	1×185, 1×240, 4×25
	ZJ-V	360	57	51	BTTZ	1×300, 1×400

压装型中间连接端子示意图 Schematic Diagram of Pressing installation-type Middle Connecting Terminals	序号 Number	型号 Model	适用的电缆规格 Specifications of applicable cable
	1	YZ/ZL-I	BTTZ 1×35
	2	YZ/ZL-II	BTTZ 1×50 1×95
	3	YZ/ZL-III	BTTZ 1×120 1×150
	4	YZ/ZL-IV	BTTZ 1×185 1×240
	5	YZ/ZL-V	BTTZ 1×300 1×400

螺丝连接型中间连接端子示意图 Schematic Diagram of Screw Connection-type Middle Connecting Terminals	线芯截面mm² Standard cross section of conductors mm²	L(mm)	d(mm)	D(mm)
	6	35	2.96	6.7
	10	35	3.77	7.5
	16	55	4.71	10
	25	55	5.84	11

H

高温线系列

High temperature ture wire series

HEATLE

01. Ordinary high temperature line (400 °C)-----H01
02. The pure silica gel high temperature line (200 °C)-----H01
03. 500°C high temperature wire-----H01
04. Nickel high temperature wire (600 °C)-----H02
05. Metal weaving high temperature line (400 °C)-----H02
06. Common PTFE high temprature wire (200 °C) -----H02
07. PTFE extrusion temperature line (320 °C)-----H03
08. PTFE around bag high temperature line (350 °C) -----H03

PTFE挤出高温线(320℃)PTFE extrusion temperature line (320 °C)
结构(PTFE挤出)Structure (PTFE extrusion)



- 产品特性:
1. 额定温度: -60℃~+320℃
 2. 额定电压: 600V
 3. 执行标准: GJB773A-2000
 4. 导体: 单根或多股镀锡铜丝或镀银铜丝; 镀镍铜丝或纯镍丝
 5. 颜色: 红、黄、蓝、白、黑、绿、棕、橙、透明等
 6. 绝缘体: 聚四氟乙烯(PTFE)
 7. 用途: 广泛应用于航空、冶金、石油、家用电器、照明灯具、
 8. 电子电器、仪器仪表、电机、工业机械等高温环境
- Product features:
1. The rated temperature: -60 °C ~ + 320 °C
 2. The rated voltage: 600 V
 3. Standards: GJB773A-2000
 4. Conductors: single or more strands of tin copper or silver plated copper wire; Nickel plated copper wire or pure nickel wire
 5. Colors: red, yellow, blue, white, black, green, brown, orange, transparent, etc
 6. An insulator: polytetrafluoroethylene (PTFE)
 7. Use: widely used in aviation, metallurgy, petroleum, household electric appliances, lighting equipments,
 8. Electronic electric appliances, instruments and meters, motor, industrial machinery, and other high temperature environment

导体
Conductor

绝缘体
Insulator



截面积section mm ²	导体结构 Conductor construction	纯铜丝 Pure copper wire	镀镍铜丝 Nickel plated copper wire
0.05	1X0.25		
0.075	1X0.31		
0.15	7X0.15		
0.2	7X0.2		
0.3	19X0.15		
0.5	19X0.19		
0.75	19X0.23		
1.0	19X0.26		
1.25	订制		
1.5	19X0.32		
2.0	19X0.37		
2.5	19X0.41		
3.0	订制		
3.5	订制		
4.0	37X0.37		
6.0	37X0.46		
8.0	订制		
10.0	订制		
16.0	订制		
25.0	订制		

PTFE绕包高温线(350℃)PTFE around bag high temperature line (350 °C)
结构(PTFE绕包)Structure (PTFE around the bag)



- 产品特性:
1. 额定温度: -65℃~+350℃
 2. 额定电压: 600V
 3. 执行标准: GJB773A-2000
 4. 导体: 单根或多股镀锡铜丝或镀银铜丝; 镀镍铜丝或纯镍丝
 5. 颜色: 红、黄、蓝、白、黑、绿、棕、橙、透明、黄绿色等
 6. 绝缘体: 聚四氟乙烯(PTFE)
 7. 用途: 广泛应用于航空、冶金、石油、家用电器、照明灯具、
 8. 电子电器、仪器仪表、电机、工业机械等高温环境
- Product features:
1. The rated temperature: 350 °C ~ + 65 °C
 2. The rated voltage: 600 V
 3. Standards: GJB773A-2000
 4. Conductors: single or more strands of tin copper or silver plated copper wire; Nickel plated copper wire or pure nickel wire
 5. Colors: red, yellow, blue, white, black, green, brown, orange, transparent, yellow-green, etc
 6. An insulator: polytetrafluoroethylene (PTFE)
 7. Use: widely used in aviation, metallurgy, petroleum, household electric appliances, lighting equipments,
 8. Electronic electric appliances, instruments and meters, motor, industrial machinery, and other high temperature environment

绝缘体
Insulator

导体
Conductor



截面积section mm ²	导体结构 Conductor construction	纯铜丝 Pure copper wire	镀镍铜丝 Nickel plated copper wire
0.15	7X0.15		
0.2	7X0.2		
0.3	19X0.15		
0.5	19X0.19		
0.75	19X0.23		
1.0	19X0.26		
1.25	订制		
1.5	19X0.32		
2.0	19X0.37		
2.5	19X0.41		
3.0	订制		
3.5	订制		
4.0	37X0.37		
6.0	37X0.46		
8.0	订制		
10.0	订制		
16.0	订制		
25.0	订制		



热电偶延长导线和补偿导线系列

Extension and Compensating Cables for Thermocouples series

HEATLE

01. Single wire compensation HS-BC-11(Fiber glass)-----I01
02. Single wire compensation HS-BC-12(PTFE 200℃)-----I01
03. Single wire compensation HS-BC-13(PTFE 280℃)-----I01
04. Double wire compensation HS-BC-21(inter fiber glass+outer fiber glass)-----I02
05. Double wire compensation HS-BC-22(inter fiber glass+metal braid sleeve)-----I02
06. Double wire compensation HS-BC-23(inter PEFE+outer PTFE)-----I03
07. Double wire compensation HS-BC-24(inter PTFE+outer SS304)-----I03
08. Double wire compensation HS-BC-25(inter PTFE+outer kapton)-----I04
09. Double wire compensation HS-BC-26(inter kapton+outer kapton)-----I04
10. Double wire compensation HS-BC-27(inter PVC+outer PVC)-----I05
11. Three layers of wire compensation(inter glass yam+mid glass yam+outer glass yam)-----I06
12. Three layers of wire compensation(inter glass yam+mid glass yam+outer SS304)-----I06
13. Three layers of wire compensation(inter glass yam+glass sick+mid glass yam+outer SS304) -----I07
14. Three layers of wire compensation(inter PVC+mid PVC+outer SS304)-----I07
15. Three layers of wire compensation(inter PVC+mid SS304+outer PVC)-----I08
16. Four layers of wire compensation(inter glass yam+mid glass yam+outer glass yam+the outermost layer of SS304) ---I08

单层补偿导线HS-BC-11(玻纤线)Single wire compensation HS-BC-11(Fiber glass)

							
规格 Specifications	Kx	Jx	Ex	规格 Specifications	Kx	Jx	Ex
0.3mm(0.07mm ²)				7/0.3mm(0.5mm ²)			
4/0.15mm(0.07mm ²)				1.0mm(0.75mm ²)			
0.5mm(0.02mm ²)				10/0.3mm(0.75mm ²)			
6/0.2mm(0.02mm ²)				1.1mm(1.0mm ²)			
0.56mm(0.025mm ²)				5/0.5mm(1.0mm ²)			
8/0.2mm(0.25mm ²)				1.4mm(1.5mm ²)			
0.6mm(0.28mm ²)				5/0.6mm(1.5mm ²)			
4/0.3mm(0.28mm ²)				1.6mm(2.0mm ²)			
0.75mm(0.45mm ²)				7/0.6mm(2.0mm ²)			
6/0.3mm(0.45mm ²)				1.8mm(2.5mm ²)			
0.8mm(0.5mm ²)				9/0.6mm(2.5mm ²)			

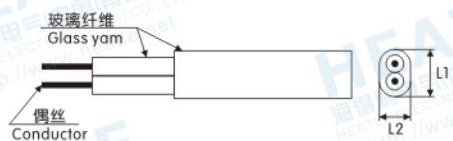
单层补偿导线HS-BC-12(四氟线200℃)Single wire compensation HS-BC-12(PTFE 200℃)

							
规格 Specifications	Kx	Jx	Ex	规格 Specifications	Kx	Jx	Ex
0.3mm(0.07mm ²)				7/0.3mm(0.5mm ²)			
4/0.15mm(0.07mm ²)				1.0mm(0.75mm ²)			
0.5mm(0.02mm ²)				10/0.3mm(0.75mm ²)			
6/0.2mm(0.02mm ²)				1.1mm(1.0mm ²)			
0.56mm(0.025mm ²)				5/0.5mm(1.0mm ²)			
8/0.2mm(0.25mm ²)				1.4mm(1.5mm ²)			
0.6mm(0.28mm ²)				5/0.6mm(1.5mm ²)			
4/0.3mm(0.28mm ²)				1.6mm(2.0mm ²)			
0.75mm(0.45mm ²)				7/0.6mm(2.0mm ²)			
6/0.3mm(0.45mm ²)				1.8mm(2.5mm ²)			
0.8mm(0.5mm ²)				9/0.6mm(2.5mm ²)			

单层补偿导线HS-BC-13(四氟线280℃)Single wire compensation HS-BC-13(PTFE 280℃)

							
规格 Specifications	Kx	Jx	Ex	规格 Specifications	Kx	Jx	Ex
0.3mm(0.07mm ²)				7/0.3mm(0.5mm ²)			
4/0.15mm(0.07mm ²)				1.0mm(0.75mm ²)			
0.5mm(0.02mm ²)				10/0.3mm(0.75mm ²)			
6/0.2mm(0.02mm ²)				1.1mm(1.0mm ²)			
0.56mm(0.025mm ²)				5/0.5mm(1.0mm ²)			
8/0.2mm(0.25mm ²)				1.4mm(1.5mm ²)			
0.6mm(0.28mm ²)				5/0.6mm(1.5mm ²)			
4/0.3mm(0.28mm ²)				1.6mm(2.0mm ²)			
0.75mm(0.45mm ²)				7/0.6mm(2.0mm ²)			
6/0.3mm(0.45mm ²)				1.8mm(2.5mm ²)			
0.8mm(0.5mm ²)				9/0.6mm(2.5mm ²)			

双层补偿导线HS-BC-21(内玻纤+外玻纤)Double wire compensation HS-BC-21(inter fiber glass+outer fiber glass)

												
规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc	规格 Specifications	PT100
2X0.3mm(2X0.07mm²)											3X0.3mm(3X0.07mm²)	
2X4/0.15mm(2X0.07mm²)											3X4/0.15mm(3X0.07mm²)	
2X0.5mm(2X0.02mm²)											3X0.5mm(3X0.02mm²)	
2X6/0.2mm(2X0.02mm²)											3X6/0.2mm(3X0.02mm²)	
2X0.56mm(2X0.025mm²)											3X0.56mm(3X0.025mm²)	
2X8/0.2mm(2X0.25mm²)											3X8/0.2mm(3X0.25mm²)	
2X0.6mm(2X0.28mm²)											3X0.6mm(3X0.28mm²)	
2X4/0.3mm(2X0.28mm²)											3X4/0.3mm(3X0.28mm²)	
2X0.75mm(2X0.45mm²)											3X0.75mm(3X0.45mm²)	
2X6/0.3mm(2X0.45mm²)											3X6/0.3mm(3X0.45mm²)	
2X0.8mm(2X0.5mm²)											3X0.8mm(3X0.5mm²)	
2X7/0.3mm(2X0.5mm²)											3X7/0.3mm(3X0.5mm²)	
2X1.0mm(2X0.75mm²)											3X1.0mm(3X0.75mm²)	
2X10/0.3mm(2X0.75mm²)											3X10/0.3mm(3X0.75mm²)	
2X1.1mm(2X1.0mm²)											3X1.1mm(3X1.0mm²)	
2X5/0.5mm(2X1.0mm²)											3X5/0.5mm(3X1.0mm²)	
2X1.4mm(2X1.5mm²)											3X1.4mm(3X1.5mm²)	
2X5/0.6mm(2X1.5mm²)											3X5/0.6mm(3X1.5mm²)	
2X1.6mm(2X2.0mm²)											3X1.6mm(3X2.0mm²)	
2X7/0.6mm(2X2.0mm²)											3X7/0.6mm(3X2.0mm²)	
2X1.8mm(2X2.5mm²)											3X1.8mm(3X2.5mm²)	
2X9/0.6mm(2X2.5mm²)											3X9/0.6mm(3X2.5mm²)	

双层补偿导线HS-BC-22(内玻纤+外金属编织网)
Double wire compensation HS-BC-22(inter fiber glass+metal braid sleeve)

														
规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc	规格 Specifications	PT100		
2X0.3mm(2X0.07mm ²)											3X0.3mm(3X0.07mm ²)			
2X4/0.15mm(2X0.07mm ²)											3X4/0.15mm(3X0.07mm ²)			
2X0.5mm(2X0.02mm ²)											3X0.5mm(3X0.02mm ²)			
2X6/0.2mm(2X0.02mm ²)											3X6/0.2mm(3X0.02mm ²)			
2X0.56mm(2X0.025mm ²)											3X0.56mm(3X0.025mm ²)			
2X8/0.2mm(2X0.25mm ²)											3X8/0.2mm(3X0.25mm ²)			
2X0.6mm(2X0.28mm ²)											3X0.6mm(3X0.28mm ²)			
2X4/0.3mm(2X0.28mm ²)											3X4/0.3mm(3X0.28mm ²)			
2X0.75mm(2X0.45mm ²)											3X0.75mm(3X0.45mm ²)			
2X6/0.3mm(2X0.45mm ²)											3X6/0.3mm(3X0.45mm ²)			
2X0.8mm(2X0.5mm ²)											3X0.8mm(3X0.5mm ²)			
2X7/0.3mm(2X0.5mm ²)											3X7/0.3mm(3X0.5mm ²)			
2X1.0mm(2X0.75mm ²)											3X1.0mm(3X0.75mm ²)			
2X10/0.3mm(2X0.75mm ²)											3X10/0.3mm(3X0.75mm ²)			
2X1.1mm(2X1.0mm ²)											3X1.1mm(3X1.0mm ²)			
2X5/0.5mm(2X1.0mm ²)											3X5/0.5mm(3X1.0mm ²)			
2X1.4mm(2X1.5mm ²)											3X1.4mm(3X1.5mm ²)			
2X5/0.6mm(2X1.5mm ²)											3X5/0.6mm(3X1.5mm ²)			
2X1.6mm(2X2.0mm ²)											3X1.6mm(3X2.0mm ²)			
2X7/0.6mm(2X2.0mm ²)											3X7/0.6mm(3X2.0mm ²)			
2X1.8mm(2X2.5mm ²)											3X1.8mm(3X2.5mm ²)			
2X9/0.6mm(2X2.5mm ²)											3X9/0.6mm(3X2.5mm ²)			

双层补偿导线HS-BC-23(内四氟+外四氟)Double wire compensation HS-BC-23(inter PEFE+outer PTFE)

规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

双层补偿导线HS-BC-24(内四氟+外金属编织网)
Double wire compensation HS-BC-24(inter PTFE+outer SS304)

规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

双层补偿导线HS-BC-25(内四氟+外亚麻纤维)Double wire compensation HS-BC-25(inter PTFE+outer kapton)

												
规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc	规格 Specifications	PT100
2X0.3mm(2X0.07mm ²)											3X0.3mm(3X0.07mm ²)	
2X4/0.15mm(2X0.07mm ²)											3X4/0.15mm(3X0.07mm ²)	
2X0.5mm(2X0.02mm ²)											3X0.5mm(3X0.02mm ²)	
2X6/0.2mm(2X0.02mm ²)											3X6/0.2mm(3X0.02mm ²)	
2X0.56mm(2X0.025mm ²)											3X0.56mm(3X0.025mm ²)	
2X8/0.2mm(2X0.25mm ²)											3X8/0.2mm(3X0.25mm ²)	
2X0.6mm(2X0.28mm ²)											3X0.6mm(3X0.28mm ²)	
2X4/0.3mm(2X0.28mm ²)											3X4/0.3mm(3X0.28mm ²)	
2X0.75mm(2X0.45mm ²)											3X0.75mm(3X0.45mm ²)	
2X6/0.3mm(2X0.45mm ²)											3X6/0.3mm(3X0.45mm ²)	
2X0.8mm(2X0.5mm ²)											3X0.8mm(3X0.5mm ²)	
2X7/0.3mm(2X0.5mm ²)											3X7/0.3mm(3X0.5mm ²)	
2X1.0mm(2X0.75mm ²)											3X1.0mm(3X0.75mm ²)	
2X10/0.3mm(2X0.75mm ²)											3X10/0.3mm(3X0.75mm ²)	
2X1.1mm(2X1.0mm ²)											3X1.1mm(3X1.0mm ²)	
2X5/0.5mm(2X1.0mm ²)											3X5/0.5mm(3X1.0mm ²)	
2X1.4mm(2X1.5mm ²)											3X1.4mm(3X1.5mm ²)	
2X5/0.6mm(2X1.5mm ²)											3X5/0.6mm(3X1.5mm ²)	
2X1.6mm(2X2.0mm ²)											3X1.6mm(3X2.0mm ²)	
2X7/0.6mm(2X2.0mm ²)											3X7/0.6mm(3X2.0mm ²)	
2X1.8mm(2X2.5mm ²)											3X1.8mm(3X2.5mm ²)	
2X9/0.6mm(2X2.5mm ²)											3X9/0.6mm(3X2.5mm ²)	

双层补偿导线HS-BC-26(内亚麻纤维+外亚麻纤维)
Double wire compensation HS-BC-26(inter kapton+outer kapton)

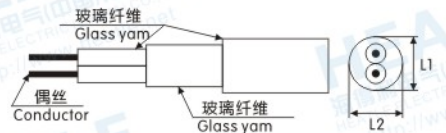
规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

双层补偿导线HS-BC-27(内PVC+外PVC)Double wire compensation HS-BC-27(inter PVC+outer PVC)

规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc	规格 Specifications	PT100
2X0.3mm(2X0.07mm ²)											3X0.3mm(3X0.07mm ²)	
2X4/0.15mm(2X0.07mm ²)											3X4/0.15mm(3X0.07mm ²)	
2X0.5mm(2X0.02mm ²)											3X0.5mm(3X0.02mm ²)	
2X6/0.2mm(2X0.02mm ²)											3X6/0.2mm(3X0.02mm ²)	
2X0.56mm(2X0.025mm ²)											3X0.56mm(3X0.025mm ²)	
2X8/0.2mm(2X0.25mm ²)											3X8/0.2mm(3X0.25mm ²)	
2X0.6mm(2X0.28mm ²)											3X0.6mm(3X0.28mm ²)	
2X4/0.3mm(2X0.28mm ²)											3X4/0.3mm(3X0.28mm ²)	
2X0.75mm(2X0.45mm ²)											3X0.75mm(3X0.45mm ²)	
2X6/0.3mm(2X0.45mm ²)											3X6/0.3mm(3X0.45mm ²)	
2X0.8mm(2X0.5mm ²)											3X0.8mm(3X0.5mm ²)	
2X7/0.3mm(2X0.5mm ²)											3X7/0.3mm(3X0.5mm ²)	
2X1.0mm(2X0.75mm ²)											3X1.0mm(3X0.75mm ²)	
2X10/0.3mm(2X0.75mm ²)											3X10/0.3mm(3X0.75mm ²)	
2X1.1mm(2X1.0mm ²)											3X1.1mm(3X1.0mm ²)	
2X5/0.5mm(2X1.0mm ²)											3X5/0.5mm(3X1.0mm ²)	
2X1.4mm(2X1.5mm ²)											3X1.4mm(3X1.5mm ²)	
2X5/0.6mm(2X1.5mm ²)											3X5/0.6mm(3X1.5mm ²)	
2X1.6mm(2X2.0mm ²)											3X1.6mm(3X2.0mm ²)	
2X7/0.6mm(2X2.0mm ²)											3X7/0.6mm(3X2.0mm ²)	
2X1.8mm(2X2.5mm ²)											3X1.8mm(3X2.5mm ²)	
2X9/0.6mm(2X2.5mm ²)											3X9/0.6mm(3X2.5mm ²)	

三层补偿导线HS-BC-31(内玻纤+中玻纤+外玻纤)
Three layers of wire compensation(inter glass yam+mid glass yam+outer glass yam)

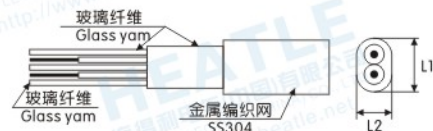
												
规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc	规格 Specifications	PT100
2X0.3mm(2X0.07mm²)											3X0.3mm(3X0.07mm²)	
2X4/0.15mm(2X0.07mm²)											3X4/0.15mm(3X0.07mm²)	
2X0.5mm(2X0.02mm²)											3X0.5mm(3X0.02mm²)	
2X6/0.2mm(2X0.02mm²)											3X6/0.2mm(3X0.02mm²)	
2X0.56mm(2X0.025mm²)											3X0.56mm(3X0.025mm²)	
2X8/0.2mm(2X0.25mm²)											3X8/0.2mm(3X0.25mm²)	
2X0.6mm(2X0.28mm²)											3X0.6mm(3X0.28mm²)	
2X4/0.3mm(2X0.28mm²)											3X4/0.3mm(3X0.28mm²)	
2X0.75mm(2X0.45mm²)											3X0.75mm(3X0.45mm²)	
2X6/0.3mm(2X0.45mm²)											3X6/0.3mm(3X0.45mm²)	
2X0.8mm(2X0.5mm²)											3X0.8mm(3X0.5mm²)	
2X7/0.3mm(2X0.5mm²)											3X7/0.3mm(3X0.5mm²)	
2X1.0mm(2X0.75mm²)											3X1.0mm(3X0.75mm²)	
2X10/0.3mm(2X0.75mm²)											3X10/0.3mm(3X0.75mm²)	
2X1.1mm(2X1.0mm²)											3X1.1mm(3X1.0mm²)	
2X5/0.5mm(2X1.0mm²)											3X5/0.5mm(3X1.0mm²)	
2X1.4mm(2X1.5mm²)											3X1.4mm(3X1.5mm²)	
2X5/0.6mm(2X1.5mm²)											3X5/0.6mm(3X1.5mm²)	
2X1.6mm(2X2.0mm²)											3X1.6mm(3X2.0mm²)	
2X7/0.6mm(2X2.0mm²)											3X7/0.6mm(3X2.0mm²)	
2X1.8mm(2X2.5mm²)											3X1.8mm(3X2.5mm²)	
2X9/0.6mm(2X2.5mm²)											3X9/0.6mm(3X2.5mm²)	

三层补偿导线HS-BC-32(内玻纤+中玻纤+外金属编织网)
Three layers of wire compensation(inter glass yam+mid glass yam+outer SS304)

规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

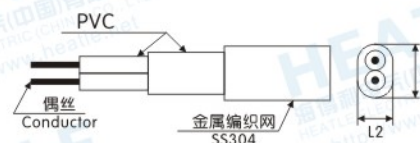
三层补偿导线HS-BC-33(内玻纤+玻璃丝+中玻纤+外金属编织网)
Three layers of wire compensation(inter glass yam+glass sick+mid glass yam+outer SS304)



规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

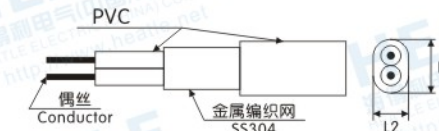
三层补偿导线HS-BC-34(内PVC+中PVC+外金属编织网)
Three layers of wire compensation(inter PVC+mid PVC+outer SS304)



规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

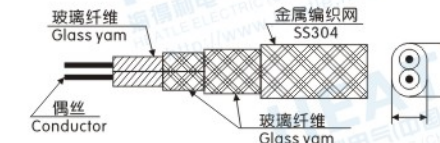
三层补偿导线HS-BC-35(内PVC+中金属编织网+外PVC)
Three layers of wire compensation(inter PVC+mid SS304+outer PVC)



规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

四层补偿导线HS-BC-41(内玻纤+中玻纤+外玻纤+最外层金属编织网)
Four layers of wire compensation(inter glass yam+mid glass yam+outer glass yam+the outermost layer of SS304)



规格 Specifications	Kx	Kc	Jx	Jc	Ex	Ec	Tx	Tc	Nx	Nc
2X0.3mm(2X0.07mm ²)										
2X4/0.15mm(2X0.07mm ²)										
2X0.5mm(2X0.02mm ²)										
2X6/0.2mm(2X0.02mm ²)										
2X0.56mm(2X0.025mm ²)										
2X8/0.2mm(2X0.25mm ²)										
2X0.6mm(2X0.28mm ²)										
2X4/0.3mm(2X0.28mm ²)										
2X0.75mm(2X0.45mm ²)										
2X6/0.3mm(2X0.45mm ²)										
2X0.8mm(2X0.5mm ²)										
2X7/0.3mm(2X0.5mm ²)										
2X1.0mm(2X0.75mm ²)										
2X10/0.3mm(2X0.75mm ²)										
2X1.1mm(2X1.0mm ²)										
2X5/0.5mm(2X1.0mm ²)										
2X1.4mm(2X1.5mm ²)										
2X5/0.6mm(2X1.5mm ²)										
2X1.6mm(2X2.0mm ²)										
2X7/0.6mm(2X2.0mm ²)										
2X1.8mm(2X2.5mm ²)										
2X9/0.6mm(2X2.5mm ²)										

规格 Specifications	PT100
3X0.3mm(3X0.07mm ²)	
3X4/0.15mm(3X0.07mm ²)	
3X0.5mm(3X0.02mm ²)	
3X6/0.2mm(3X0.02mm ²)	
3X0.56mm(3X0.025mm ²)	
3X8/0.2mm(3X0.25mm ²)	
3X0.6mm(3X0.28mm ²)	
3X4/0.3mm(3X0.28mm ²)	
3X0.75mm(3X0.45mm ²)	
3X6/0.3mm(3X0.45mm ²)	
3X0.8mm(3X0.5mm ²)	
3X7/0.3mm(3X0.5mm ²)	
3X1.0mm(3X0.75mm ²)	
3X10/0.3mm(3X0.75mm ²)	
3X1.1mm(3X1.0mm ²)	
3X5/0.5mm(3X1.0mm ²)	
3X1.4mm(3X1.5mm ²)	
3X5/0.6mm(3X1.5mm ²)	
3X1.6mm(3X2.0mm ²)	
3X7/0.6mm(3X2.0mm ²)	
3X1.8mm(3X2.5mm ²)	
3X9/0.6mm(3X2.5mm ²)	

J

软管系列
Hose series

HEATLE

01. Plastic corrugated pipe-----J01
02. SM tast tie-in-----J01
03. RQW1 right-angle elbow-----J01
04. RQS fixed nog-----J01
05. Plastic tube-----J01
06. Galvanized hose-----J02
07. Stainless steel hose-----J02
08. The general connecting wire-----J02
09. The general silk (nickel plating type) connector-----J02
10. Card set of type joint-----J02
11. General connecting wire inside-----J02
12. Since the solid type joint-----J02

海得利电气(中国)有限公司
HEATLE ELECTRIC (CHINA) CO., LTD.

HEATLE 海得利电气(中国)有限公司
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软管类 Hose-type

图片 Pictures	型号 Model	内径/外径 Outside diameter/diameter	材质 Material	长度/卷Length/coil	单价A Unit priceA
塑料波纹管 Plastic corrugated pipe 	HS-SLRG-AD7.0-PP	4.5/7.0	PP聚丙烯 PP Polypropylene	100米/卷	
	HS-SLRG-AD10.0-PP	6.5/10.0		100米/卷	
	HS-SLRG-AD13.0-PP	10.0/13.0		100米/卷	
	HS-SLRG-AD15.8-PP	12.0/15.8		100米/卷	
	HS-SLRG-AD18.5-PP	14.3/18.5		100米/卷	
	HS-SLRG-AD21.2-PP	17.0/21.2		100米/卷	
	HS-SLRG-AD28.5-PP	23.0/28.5		50米/卷	
	HS-SLRG-AD34.5-PP	29.0/34.5		50米/卷	
	HS-SLRG-AD42.5-PP	36.0/42.5		50米/卷	
	HS-SLRG-AD54.5-PP	48.0/54.5		25米/卷	
	HS-SLRG-AD57.0-PP	57.0/67.5		25米/卷	
	HS-SLRG-AD10.0-PA	6.5/10.0	PA聚丙烯 PA Polypropylene	100米/卷	
	HS-SLRG-AD13.0-PA	10.0/13.0		100米/卷	
	HS-SLRG-AD15.8-PA	12.0/15.8		100米/卷	
	HS-SLRG-AD18.5-PA	14.3/18.5		100米/卷	
	HS-SLRG-AD21.2-PA	17.0/21.2		100米/卷	
	HS-SLRG-AD28.5-PA	23.0/28.5		50米/卷	
	HS-SLRG-AD34.5-PA	29.0/34.5		50米/卷	
	HS-SLRG-AD42.5-PA	36.0/42.5		50米/卷	
	HS-SLRG-AD54.5-PA	48.0/54.5		25米/卷	
	HS-SLRG-AD57.0-PA	57.0/67.5		25米/卷	

图片 Pictures	适配软管 Adapter hose	型号 Model	规格 Specifications	包装 Packaging	PP单价B	PA单价A
SM快速接头 SM tast tie-in 	AD10.0	PG7	M12 x 1.5	100只		
	AD13.0	PG9	M16 x 1.5	100只		
	AD15.8	PG11	M18 x 1.5	100只		
	AD18.5	PG13.5	M20 x 1.5	100只		
	AD21.2	PG16	M24 x 1.5	100只		
	AD28.5	PG21	M27 x 2.0	50只		
	AD34.5	PG29	M36 x 2.0	50只		
	AD42.5	PG36	M48 x 2.0	30只		
	AD54.5	PG48	M64 x 2.0	10只		

图片 Pictures	适配软管 Adapter hose	RQW1快速 90° 弯头		RQS固定支架	
		PP Unit price B	PA Unit price A	PP Unit price B	PA Unit price A
RQW1快速90° 转头 RQW1 right-angle elbow  RQS固定支架 RQS fixed nog 	AD10.0				
	AD13.0				
	AD15.8				
	AD18.5				
	AD21.2				
	AD28.5				
	AD34.5				
	AD42.5				
	AD54.5				

图片 Pictures	型号 Model	外径 Diameter	长度/卷Length/coil	单价B Unit price B	单价A Unit priceA
包塑软管 Plastic tube 	HS-BSRG-Φ6	Φ6	200米/卷		
	HS-BSRG-Φ8	Φ8	200米/卷		
	HS-BSRG-Φ10	Φ10	200米/卷		
	HS-BSRG-Φ12	Φ12	100米/卷		
	HS-BSRG-Φ15	Φ15	100米/卷		
	HS-BSRG-Φ20	Φ20	50米/卷		
	HS-BSRG-Φ25	Φ25	50米/卷		
	HS-BSRG-Φ32	Φ32	25米/卷		
	HS-BSRG-Φ38	Φ38	25米/卷		
	HS-BSRG-Φ51	Φ51	20米/卷		
	HS-BSRG-Φ64	Φ64	20米/卷		
	HS-BSRG-Φ75	Φ75	20米/卷		
	HS-BSRG-Φ100	Φ100	10米/卷		

J.Hose series

图片 Pictures	型号 Model	外径Outer diameter	长度/卷Length/coil	单价Unit price B	单价Unit price A
镀锌软管 Galvanized hose	HS-DXRG-Φ6	Φ6	200米/卷		
	HS-DXRG-Φ8	Φ8	200米/卷		
	HS-DXRG-Φ10	Φ10	200米/卷		
	HS-DXRG-Φ12	Φ12	100米/卷		
	HS-DXRG-Φ15	Φ15	100米/卷		
	HS-DXRG-Φ20	Φ20	100米/卷		
	HS-DXRG-Φ25	Φ25	50米/卷		
	HS-DXRG-Φ32	Φ32	50米/卷		
	HS-DXRG-Φ38	Φ38	25米/卷		
	HS-DXRG-Φ51	Φ51	20米/卷		
	HS-DXRG-Φ64	Φ64	20米/卷		
	HS-DXRG-Φ75	Φ75	20米/卷		
	HS-DXRG-Φ100	Φ100	10米/卷		

图片 Pictures	型号 Model	外径Outer diameter	长度/卷Length/coil	单价Unit price B	单价Unit price A
不锈钢软管 Stainless steel hose 	HS-BXGRG-Φ6	φ 6	200米/卷		
	HS-BXGRG-Φ8	φ 8	200米/卷		
	HS-BXGRG-Φ10	φ 10	200米/卷		
	HS-BXGRG-Φ12	φ 12	100米/卷		
	HS-BXGRG-Φ15	φ 15	100米/卷		
	HS-BXGRG-Φ20	φ 20	50米/卷		
	HS-BXGRG-Φ25	φ 25	50米/卷		
	HS-BXGRG-Φ32	φ 32	25米/卷		
	HS-BXGRG-Φ38	φ 38	25米/卷		
	HS-BXGRG-Φ51	φ 51	20米/卷		
	HS-BXGRG-Φ64	φ 64	20米/卷		
	HS-BXGRG-Φ75	φ 75	20米/卷		
HS-BXGRG-Φ100	φ 100	10米/卷			

图片 Pictures	型号 Model	Unit price B	Unit price A
通用外丝接头 The general connecting wire	Φ6		
	Φ8		
	Φ10		
	Φ12		
	Φ15		
	Φ20		
	Φ25		
	Φ32		
	Φ38		
	Φ51		
	Φ64		
	Φ75		
	Φ100		
	Φ125		
	Φ150		

图片 Pictures	型号 Model	Unit price B	Unit price A
通用外丝(镀镍型)接头 The general silk (nickel plating type) connector 	Φ 8		
	Φ 10		
	Φ 12		
	Φ 15		
	Φ 20		
	Φ 25		
	Φ 32		
	Φ 38		
	Φ 51		
	Φ 64		
	Φ 75		
	Φ 100		
	Φ 125		
Φ 150			

图片 Pictures	型号 Model	Unit price B	Unit price A
卡套式接头 Card set of type joint	Φ10		
	Φ12		
	Φ15		
	Φ20		
	Φ25		
	Φ32		
	Φ38		
	Φ51		
	Φ64		
	Φ75		
	Φ100		
	Φ125		
	Φ150		

图片 Pictures	型号 Model	Unit price B	Unit price A
通用内丝接头 General connecting wire inside 	Φ10		
	Φ12		
	Φ15		
	Φ20		
	Φ25		
	Φ32		
	Φ38		
	Φ51		
	Φ64		
	Φ75		
	Φ100		
	Φ125		
Φ150			

图片 Pictures	型号 Model	Unit price B	Unit price A
自固式接头 Since the solid type joint 	Φ15		
	Φ20		
	Φ25		
	Φ32		
	Φ38		
	Φ51		

图片 Pictures	型号 Model	Unit price B	Unit price A
自固式接头 Since the solid type joint 	Φ 64		
	Φ 75		
	Φ 100		
	Φ 125		
	Φ 150		

备忘录

备忘录

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