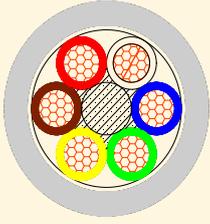


# HF-YY 拖链专用 高柔性控制电缆

HF-YY drag chain High flexible control cable

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) RoHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

适用于干燥或潮湿的室内，中等机械应力缓释或强制引导的自由连续往复运动下安装，工业使用环境下的频繁弯曲场合，如：木工机械、机床加工设备、机器人系统、工业自动化场合、物流输送系统、起重机械场合等；由于结构特殊设计，产品具有特别高的柔性

Suitable for dry or wet indoor, Medium mechanical stress of slow-release or forced to guide free installation under continuous reciprocating movement, Under the environment of industrial use frequent bending occasions, for instance: woodworker; Machine tool processing equipment; robotic system Industrial automation; Logistics delivery system; Hoisting machinery occasions, etc; Due to the special structure design, the product has a particularly high flexibility

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): HF-YY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和 IEC 60228第6类导体之规定 conductor: Barewire conform to VDE 0295 and IEC 60228
技术标准 (standards) 符合DIN VDE 0281第13部份的要求	
额定电压 (Rated Voltage): 300/500 V	绝缘: 特殊PVC insulation: special PVC
使用温度 (Use Temperature)	成缆: 绝缘芯线采用最优节距绞合成缆 cabling: core of cable adopt optimal pitch strand
挠曲bend -5°C 至 +80°C 静态static state -40°C 至 +80°C	外护套: 特殊PVC, 符合DIN VDE 0282第一部分之规定 over sheath: special PVC, conform to VDE 0281
最小弯曲半径 (Bend Radius) 	G=有黄-绿接地线 X=无黄-绿接地线
挠曲bend 6*产品外径 (Outer Diameter) 静态static state 4*产品外径 (Outer Diameter)	

导体规格mm <sup>2</sup>	线缆芯数
0.5	2 ~ 50 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	2 ~ 20 (芯)
2.5	2 ~ 14 (芯)
4.0	3 ~ 12 (芯)
6.0	3 ~ 10 (芯)

\* 其它规格可按客户需求订制

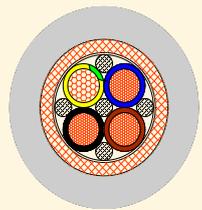


# HF-CY 拖链专用 高柔性屏蔽电缆

HF-CY drag chain High flexible shield cable

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) RoHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

适用于连续往复运动下的安装，特别是工业作用环境下的频繁弯曲场合，如现代化机械标准部件的拖链中及物流系统、操控系统、机械自动化系统等。数控机床、电子设备、五金冲压、注塑机、机械（人）手、建筑机械、重型机器厂、汽车制造、起重运输设备、自动化仓库、码头、消防车等的室内外环境需要屏蔽的场所。特别需要无差异和信号稳定的信息传导与监控。高密度的遮蔽率可以确保所有信号和数据传输时不受干扰。

apply to The installation of under continuous reciprocating movement, Especially the industrial environment of frequent bending occasions, for instance: Modern mechanical standard parts The drag chain; logistics system; control system And places of the indoor and outdoor environment requires shielding. Special needs no difference and signal stability of information transmission and monitoring, The cover of the high density rate to make sure that all the signals and data transmission.

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): HF-CY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和 IEC 60228第6类导体之规定 conductor: Barewire conform to VDE 0295 and IEC 60228
技术标准 (standards) 符合DIN VDE 0281第13部份的要求	
额定电压 (Rated Voltage): 300/500 V	绝缘: 特殊PVC insulation: special PVC
使用温度 (Use Temperature)	成缆: 绝缘芯线采用最优节距绞合成缆 cabling: core of cable adopt optimal pitch strand
挠曲 bend -5°C 至 +80°C 静态 static state -40°C 至 +80°C	
最小弯曲半径 (Bend Radius) 	屏蔽: 镀锡铜丝屏蔽; 遮蔽率≥80% shield: Tinned Wire Braid Coverage ≥80%
挠曲 bend 6×产品外径 (Outer Diameter) 静态 static state 4.5×产品外径 (Outer Diameter) G=有黄-绿接地线 ×=无黄-绿接地线	
外护套: 特殊PVC, 符合DIN VDE 0282第一部分之规定 over sheath: special PVC, conform to VDE 0281	

导体规格 mm <sup>2</sup>	线缆芯数
0.5	2 ~ 50 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	2 ~ 20 (芯)
2.5	2 ~ 14 (芯)
4.0	3 ~ 12 (芯)
6.0	3 ~ 10 (芯)

\* 其它规格可按客户需求订制

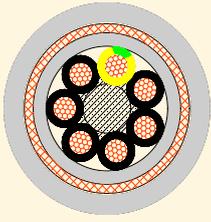


# HF-YCY 拖链专用 高柔性双护套屏蔽电缆

HF - YCY drag chain High flexible dual sheath shielded cable

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) ROHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

适用于连续往复运动下的安装，特别是工业作用环境下的频繁弯曲场合，如现代机械标准部件的拖链中及物流系统、操控系统、机械自动化系统等。数控机床、电子设备、五金冲压、注塑机、机械（人）手、建筑机械、重型机器厂、汽车制造、起重运输设备、自动化仓库、码头、消防车等的室内外环境需要屏蔽的场所。高密度的遮蔽率确保所有信号和数据传输时不受干扰。内护套结构的设计改善了产品的外观和圆整度的同时也增强了产品的耐机械应力性能。

apply to The installation of under continuous reciprocating movement, Especially the industrial environment of frequent bending occasions, for instance: Modern mechanical standard parts The drag chain; logistics system; control system And places of the indoor and outdoor environment requires shielding. Special needs no difference and signal stability of information transmission and monitoring, The cover of the high density rate to make sure that all the signals and data transmission. Within the sheath structure design to improve the roundness and appearance of the product as well as to enhance the mechanical stress resistance of the product

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): HF-YCY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第5类和IEC 60228第5类导体之规定 conductor: Barewire conform to VDE 0295 and IEC 60228
技术标准 (standards) 符合DIN VDE 0281第13部份的要求	绝缘: 特殊PVC (special PVC) insulation
额定电压 (Rated Voltage): 300/500 V	成缆: 绝缘芯线采用最优节距绞合成缆 shield: core of cable adopt optimal pitch strand
使用温度 (Use Temperature)	内护套: Inner Jacket special PVC interior Jacket
挠曲bend -5°C 至 +80°C	屏蔽: 镀锡铜丝编织, 遮蔽率约85% over sheath: Tinned Wire Braid Coverage ≥ 85%
静态static state -30°C 至 +80°C	外护套: 特殊PVC, 符合DIN VDE 0281第一部分之规定 over sheath: special PVC, conform to VDE 0281
最小弯曲半径 (Bend Radius) 	
挠曲bend 6.5×产品外径 (Outer Diameter)	
静态static state 4.5×产品外径 (Outer Diameter)	
G=有黄-绿接地线 ×=无黄-绿接地线	

导体规格mm <sup>2</sup>	线缆芯数
0.5	2 ~ 50 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	2 ~ 20 (芯)
2.5	2 ~ 14 (芯)
4.0	3 ~ 12 (芯)
6.0	3 ~ 10 (芯)

\* 其它规格可按客户需求订制

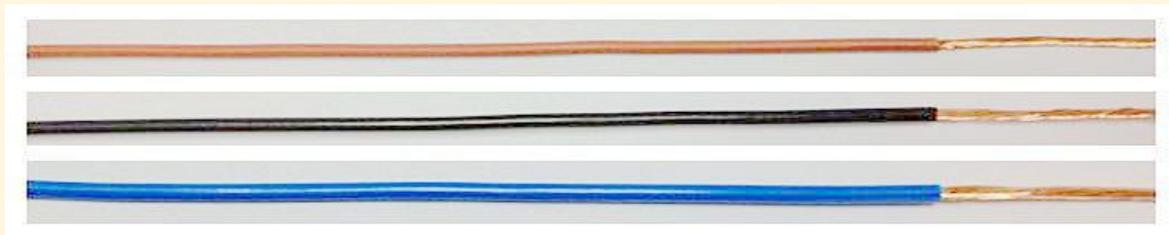
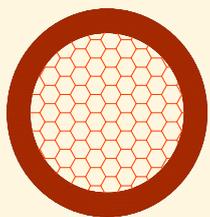


# LIFY 拖链专用 高柔性PVC单芯软线

LIFY drag chain High flexible PVC single core soft line

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res ) ROHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

与高柔性绝缘套管一同使用的高柔性单芯移动设备内使用，可用于很多测量设备，如万用表等，该芯线特别用于技术教育、培训及电气实验室领域的便携式测量装配中的连接电缆

With high flexible insulating casing used high flexible single core use in mobile devices Can be used in a lot of measuring equipment, for instance: multimeter etc.

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): LIFY	导体: 裸铜丝符合VDE 0295, 采用多股特细导体绞合成束。 conductor: Barewire conform to VDE 0295, Multi-strand fine twisted into bundle conductors
技术标准 (standards) 符合DIN VDE 0281; 0250; 0295 的要求	
额定电压 (Rated Voltage): $\leq 0.25\text{mm}^2$ 300 V $0.5-1.0\text{mm}^2$ 500V $\geq 1.5\text{mm}^2$ 750V	绝缘: 特殊PVC 自熄和阻燃性能符合DIN VDE 0482第265-2-1/EN 50265-2-1/IEC 60332-1的规定 Insulation: special PVC, Self-extinguishing and flame retardant properties conform to VDE0482 And IEC60332-1
最小弯曲半径 (Bend Radius)  约8×产品外径 (Outer Diameter)	
使用温度 Use Temperature -15°C 至 +80°C	

导体规格mm <sup>2</sup>	线缆芯数
0.15	1 (芯)
0.75	1 (芯)
2.5	1 (芯)
6.0	1 (芯)
10	1 (芯)
25	1 (芯)
50	1 (芯)

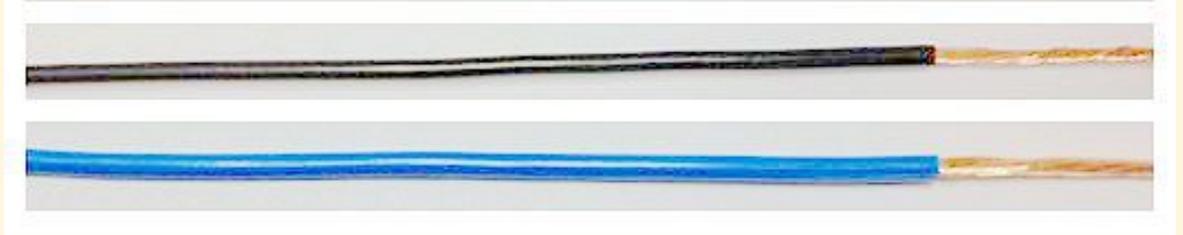
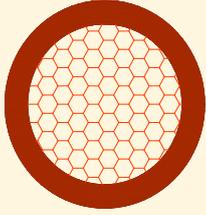
\* 其它规格可按客户需求订制

# LIFY 拖链专用 高柔性PVC单芯软线

LIFY drag chain High flexible PVC single core soft line

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) ROHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

这种电缆可用作信号及控制电缆,也可用于无需防止电磁干扰的数据传输。适用于中等机械应力场合,并可以在无拉伸应力下自由运动或在力的作用下发生运动的干燥和潮湿的室内环境,也适合在计算机、电子控制设备、电子称等电子设备中作为控制和信号电缆连接安装。但不允许安装在设备外部大电流应用场合。

This kind of cable can be used as a signal and control cables, Can also be used for data transmission without prevent electromagnetic interference, Suitable for medium to mechanical stress, And in the absence of tensile stress under the freedom of movement or movement in force under the action of dry and wet indoor environment, Also suitable for the computer; Electronic control equipment; electronic scale In electronic equipment such as control and connection of signal cable. Are not allowed to install on the outside of the equipment for high current applications

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): LIY	导体: 裸铜丝符合VDE 0295第5类导体要求, 采用多股导体绞合成束。 Bare copper wire conform to the requirements of conductor: the VDE 0295 5 kind of conductor, the multiple conductors twisted into bundles.
技术标准 (standards) 符合DIN VDE 0281; 0250; 0295 的要求	
额定电压 (Rated Voltage): ≤0.25mm <sup>2</sup> 300 V 0.5-1.0mm <sup>2</sup> 500V	绝缘: 特殊PVC 自熄和阻燃性能符合DIN VDE 0472第804部份和IEC 60332-1 special PVC, Self-extinguishing and flame Insulation: retardant properties conform to VDE0482 And IEC60332-1
最小弯曲半径 (Bend Radius)  10×产品外径 (Outer Diameter)	
使用温度 Use Temperature -15°C 至 +70°C	

导体规格mm <sup>2</sup>	线缆芯数
0.15	1 (芯)
0.25	1 (芯)
0.5	1 (芯)
0.75	1 (芯)
1.0	1 (芯)
2.5	1 (芯)
4.0	1 (芯)

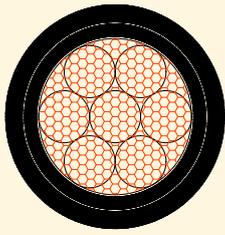
\* 其它规格可按客户需求订制

# Single-HF-YY拖链专用 高柔性单芯电缆

Single-HF-YY drag chain High flexible single core cable

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) RoHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

适用于有柔性需求的干燥或潮湿的室内场合, 适用于中等机械应力缓释或强制引导的自由连续往复运动下安装, 工业使用环境下的频繁弯曲场合, 如: 机床加工设备、机器人系统、工业自动化场合、物流输送系统、起重机械场合等;

Suitable for flexible requirements of dry or wet indoor places, Apply to medium mechanical stress of slow-release or forced to installation under continuous reciprocating movement, Under the environment of industrial use frequent bending occasions, for instance: Machine tool processing equipment; robotic system; Industrial automation; Logistics delivery system; hoisting machinery wait.

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): Single-HF-YY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和IEC 60228第6类导体之规定 conductor: Barewire conform to VDE 0295 and IEC 60228
技术标准 (standards) 符合DIN VDE 0281; 0245; 0250; 0293的要求	
额定电压 (Rated Voltage): 300/500V	绝缘: 特殊PVC, 符合DIN VDE0281第一部份和UL标准1581第43类90°C的规定, 颜色为黑色或黄-绿色 insulation: special PVC conform to VDE0281 and UL1581
使用温度 (Use Temperature)	
挠曲bend: -5°C 至 +80°C	外护套: 特殊PVC 符合DIN VDE0207第5部份和UL标准1581第43类90°C的规定, 护套颜色为黑色 over sheath: special PVC, black, conform to VDE0281 and UL
静态static state: -30°C 至 +90°C	
最小弯曲半径 (Bend Radius) 	G=有黄-绿接地线 X=无黄-绿接地线
挠曲bend: 6×产品外径 (Outer Diameter)	
静态static state: 4×产品外径 (Outer Diameter)	

导体规格mm <sup>2</sup>	导体规格mm <sup>2</sup>
1×6	1G6
1×10	1G10
1×16	1G16
1×25	1G25
1×35	1G35
1×50	1G50
1×90	1G90

\* 其它规格可按客户需求订制

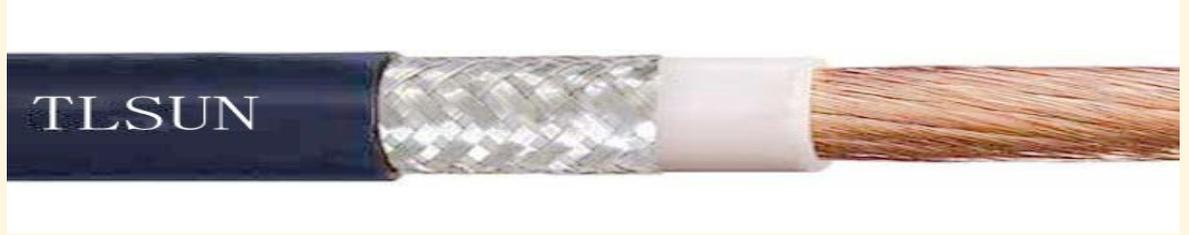
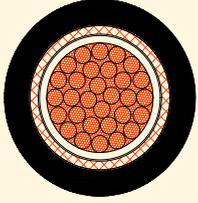


# Single-HF-CY拖链专用 高柔性单芯屏蔽电缆

Single-HF-YY drag chain High flexible single core shielded cable

耐弯曲 (Flex Index) 阻燃 (Antiflaming) 耐寒 (Cold Res) RoHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

适用于有柔性需求的干燥或潮湿的室内场合, 适用于中等机械应力缓释或强制引导的自由连续往复运动下安装, 工业使用环境下的频繁弯曲场合, 如: 机床加工设备、机器人系统、工业自动化场合、物流输送系统、起重机械场合等; 电缆屏蔽层设计特别适合于在仪器及自动移动机械部件中保障信号和数据的传输不受干扰。

Suitable for flexible requirements of dry or wet indoor places, Apply to medium mechanical stress of slow-release or forced to installation under continuous reciprocating movement, Under the environment of industrial use frequent bending occasions, for instance: Machine tool processing equipment; robotic system; Industrial automation; Logistics delivery system; hoisting machinery wait. Shield design is especially suitable for used in instruments and automatic moving mechanical parts in guarantee signal and data transmission without interference

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): Single-HF-CY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和IEC 60228第6类导体之规定
技术标准 (standards) 符合DIN VDE 0281; 0245; 0250; 0293的要求	conductor: Barewire conform to VDE 0295 and IEC 60228
额定电压 (Rated Voltage): 0.6/1 KV	绝缘: 特殊PVC 符合0281第一部份和UL 1581第43类90°C的规定
使用温度 (Use Temperature)	Insulation: special PVC, conform to VDE 0281 and 1581
挠曲bend -5°C 至 +80°C	屏蔽: 镀锡铜丝屏蔽, 遮蔽率≥80%
静态static state -30°C 至 +90°C	shield:: Tinned Wire Braid Coverage ≥80%
最小弯曲半径 (Bend Radius) 	外护套: 特殊PVC, 符合DIN VDE 0207第5部分和UL 1581第43类90°C的规定之规定 黑色外护套
挠曲bend 6×产品外径 (Outer Diameter)	outer sheath: Black outer sheath; special PVC, conform to VDE 0207 and 1581
静态static state 4.5×产品外径 (Outer Diameter)	

导体规格mm <sup>2</sup>	导体规格mm <sup>2</sup>
1×6	1G6
1×10	1G10
1×16	1G16
1×25	1G25
1×35	1G35
1×50	1G50
1×90	1G90

\* 其它规格可按客户需求订制

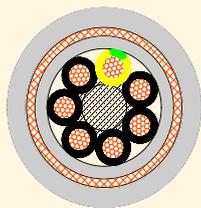


# PUR-HF-YCY 拖链专用 特殊聚氨脂高柔性屏蔽电缆

PU-RHF-YCY special polyurethane flexible control cable

耐弯曲 (Flex Index) 耐寒 (Cold Res) 耐磨 (wear-resisting) RoHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

连续移动安装场合下使用的高柔性的控制和连接电缆,用于拖链或便携式机器部件,可以承受常规机械应力,在适用的使用温度范围内,在潮湿环境。具有防紫外线能力,可在露天使用。由于外护套采用特殊的PUR,具有良好的抗撕裂;抗紫外线;抗水解和耐磨损性能,良好的性能使得它的安装非常的方便快捷,是用于测量和工程控制场合中抗干扰信号传输的理想产品。

Continuous mobile installation situations of high flexible control and connection cables,Used for drag chain or portable machine parts,Can inherit the conventional mechanical stress,Used in the applicable temperature range,With uv protection ability,Can be used in the open air,The outer sheath of the use of special PUR,Has good resistance to tear,uvioresistant,Hydrolysis resistance and wear resistance properties,Good performance makes its installation is very convenient,Is used to measure and engineering control occasions ideal anti-jamming signal transmission products.

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE): PUR-HF-YCY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和IEC 60228第6类导体之规定 conductor: Barewire conform toVDE 0295and IEC 60228
技术标准 (standards) 符合DIN VDE 0281; 0282的要求	
额定电压 (Rated Voltage): 300/500 V	绝缘: 特殊PVC符合0281第1部份的规定 insulation: special PVC, conform toVDE 0281
使用温度 (Use Temperature)	成缆: 绝缘芯线采用最优节距绞合成缆; 2芯电缆不含地线, 颜色为: 蓝色; 棕色。 cabling: core of cable adopt optimal pitch strand; 2 core cable contains no earth wire, color: blue; brown
挠曲bend -5℃ 至 +80℃ 静态static state -40℃ 至 +80℃	
最小弯曲半径 (Bend Radius) 	内护套: 特殊PVC内护套 inner jacket special PVC
挠曲bend 7×产品外径 (OuterDiameter) 静态static state 4.5×产品外径 (OuterDiameter)	
G=有黄-绿接地线 ×=无黄-绿接地线 *: 当客户无颜色要求时外护套默认 标准颜色为 灰色 over sheath tacitly approve gray	屏蔽 镀锡铜丝编织, 遮蔽率约85% shield: Tinned Wire Braid Coverage≥85%
	外护套 特殊PUR, 符合DIN VDE0282第10部份附录A的规定 over sheath:: special PUR, conform to VDE 0282

导体规格mm <sup>2</sup>	线缆芯数
0.5	2 ~ 50 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	2 ~ 20 (芯)
2.5	2 ~ 14 (芯)
4.0	3 ~ 12 (芯)
6.0	3 ~ 10 (芯)

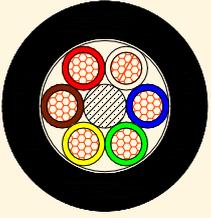
\* 其它规格可按客户需求订制

# PUR-HF-YY 拖链专用 特殊聚氨酯高柔性控制电缆

PUR-HF-YY drag chain Special polyurethane flexible control cable

耐弯曲 (Flex Index) 耐寒 (Cold Res) 耐磨 (wear-resisting) ROHS

产品图示 (Product icons)



## 1. 产品应用 APPLICATION:

连续移动安装场合下使用的高柔性的控制和连接电缆,用于拖链或便携式机器部件,可以承受常规机械应力,在适用的使用温度范围内,在潮湿环境。具有防紫外线能力,可在露天使用。由于外护套采用特殊的PUR,具有良好的防磨损和防撕裂性能,良好的性能使得它的安装非常的方便快捷,是用于拖链系列的理想产品。

Continuous mobile installation situations of high flexible control and connection cables,Used for drag chain or portable machine parts,Can inherit the conventional mechanical stress,Used in the applicable temperature range,With uv protection ability,Can be used in the open air,The outer sheath of the use of special PUR,Has good resistance to tear,Good performance makes its installation is very convenient,Is an ideal product for drag chain series

## 2. 产品说明 PRODUCT DESCRIPTION:

性能参数 (performance parameter)	结构说明 (structure specification)
型号 (TYPE) : PUR-HF-YY	导体: 裸软铜, 多根细铜丝绞合, 符合DIN VDE 0295第6类和 IEC 60228第6类导体之规定 conductor: Barewire conform toVDE 0295and IEC 60228
技术标准 (standards) 符合DIN VDE 0281第13部份的要求	
额定电压 (Rated Voltage) : 300/500 V	绝缘: 特殊PVC符合DIN VDE0281第1部份的规定, 采用数字按顺序编号的区分方式 insulation: special PVC, conform to VDE 0281
使用温度 (Use Temperature)	
挠曲bend -5℃ 至 +80℃ 静态static state -40℃ 至 +80℃	成缆: 绝缘芯线采用最优节距绞合成缆 cabling: core of cable adopt optimal pitch strand
最小弯曲半径 (Bend Radius) 	
挠曲bend 6×产品外径 (OuterDiameter ) 静态static state 4×产品外径 (OuterDiameter )	外护套: 特殊PUR, 符合DIN VDE0282第11部分附录之规定 over sheath: special PVC, conform to VDE 0282
	G=有黄-绿接地线 X=无黄-绿接地线

导体规格mm <sup>2</sup>	线缆芯数
0.5	2 ~ 50 (芯)
0.75	2 ~ 50 (芯)
1.0	2 ~ 30 (芯)
1.5	2 ~ 20 (芯)
2.5	2 ~ 14 (芯)
4.0	3 ~ 12 (芯)
6.0	3 ~ 10 (芯)

\* 其它规格可按客户需求订制

