



# FENGY CABLE CATALOGUE

## 丰熠电缆产品目录

上海丰熠电缆科技有限公司  
Shanghai Fengy Cable Technology Co.,Ltd.



CABLES AND WIRES



SPIRAL CABLES



CABLES WITH CONNECTORS



US POWER CORDS



EU POWER CORDS



UTI TAPES

# COMPANY PROFILE 公司介绍

上海丰熠电缆科技有限公司是一家集研发、生产、销售和服务于一体的先进电线电缆制造企业。公司坐落于国际化大都市上海，占地面积5000平方米，现有员工150人。

主要产品包括柔性电缆、螺旋电缆、拖链电缆、电源线、延长线、线束、音频线、视频线、防水线、数据线、医疗线、钢尺电缆以及各种定制电缆，特种电缆等。此外，我们还为客户提供线材和连接器的设计与开发服务，致力于满足客户的多样化需求。

公司拥有一支强大的技术研发团队，由多名资深工程师组成。借助深厚的专业理论知识和丰富的实践经验，我们不断创新，开发出一系列高性能、高性价比的电缆产品。公司引进了国内外一流的生产技术和工艺，拥有多条自动化生产线，能够实现规模化生产和规范化作业流程。公司拥有卓越的品质管理、出色的产品设计和模具开发制造能力。

公司通过了ISO 9001质量管理体系认证，产品获得了美国UL认证、国家3C认证、欧洲CE认证、德国莱茵TUV认证、澳大利亚SAA认证和SGS等国际权威认证。凭借优异的质量和极具竞争力的价格，我们的产品畅销美国、欧洲、中东、南美、东南亚等50多个国家和地区。

上海丰熠电缆科技有限公司始终坚持“客户至上，质量第一”的经营理念，不断提升公司实力，为客户提供更好的产品，更好的价格，与客户共同成长，期待与您携手共进，共创辉煌未来。

Shanghai Fengy Cable Technology Co., Ltd. is an advanced wire and cable manufacturer that integrates R&D, production, sales, and service. The company is located in Shanghai, China, covers an area of 5000 square meters and has more than 150 employees.

Our main products include flexible cables, spiral cables, drag chain cables, power cords, extension cords, wire harnesses, audio cables, video cables, waterproof cables, data cables, medical cables, ruler cables, and various customized and special cables. In addition, we provide design and development services for wires and connectors, aiming to meet the diverse needs of our clients.

Our company has a strong technical research and development team, composed of a number of senior engineers with deep professional theoretical knowledge and rich practical experience. We continue to innovate and develop a series of high-performance, cost-effective cables. We have introduced first-class production technology and process at home and abroad, and have multiple automatic production lines, which can achieve large-scale production and standardized operation process. Our company has excellent quality management, outstanding product design and mold development manufacturing capabilities.

Our company has passed the ISO 9001 quality management system certification, and our products have UL, 3C, CE, TUV, SAA, SGS and other international authoritative certifications. With excellent quality and competitive price, our products sell well in the United States, Europe, the Middle East, South America, Southeast Asia and other more than 50 countries and regions.

Shanghai Fengy Cable Technology Co., Ltd. always adheres to the business philosophy of "customer first, quality foremost." We continually enhance our company's strengths to provide better products and prices to our clients, fostering mutual growth. We look forward to collaborating with you to achieve a brilliant future together.

# THE COMPANY ADVANTAGES 公司优势



## 品质优势 Quality Advantage

公司具备完善质量控制体系,从原材料进厂到成品出库均进行严格的质量检验,确保了高品质的产品。

The company has a sound quality control system, from raw materials entering the factory to finished products strict quality inspection is carried out for all outbound shipments to ensure high-quality products.



## 技术优势 Technical Advantage

公司拥有强大的产品设计和研发能力,大胆鼓励创新每年投入 8% 以上费用用于研发新产品,确保了技术领先。

The company has strong product design and research and development capabilities, and boldly encourages innovation we invest over 8% of our annual budget in researching and developing new products to ensure leading technology.



## 产能优势 Capacity Advantage

公司具备充足的产能,常规产品具备大量库存,确保了稳定而又高效的供货周期。

The company has sufficient production capacity and a large inventory of conventional products ensuring stable and efficient supply cycle.



## 服务优势 Service Advantage

公司制定了 7x24 的技术支持服务快速反应体制,确保了为客户提供全面的售前技术支持及售后服务工作。

The company has established a 7x24 technical support service rapid response system,ensure comprehensive pre-sales and after-sales technical support for customers.

# PRODUCTION EQUIPMENT 生产设备





# CONTENTS

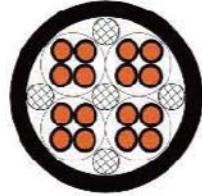
## 目录

- |    |                        |    |
|----|------------------------|----|
| 01 | CABLES AND WIRES       | 01 |
| 02 | SPIRAL CABLES          | 43 |
| 03 | CABLES WITH CONNECTORS | 46 |
| 04 | POWER CORDS            | 72 |
| 05 | UTI TAPES              | 80 |

# HXYY201

PVC型高柔性非屏蔽拖链电缆

PVC ultra flexible non-shielded cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特殊改性 PVC 绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合DIN47100  
**芯线结构:** 优化的节距和成缆结构设计  
**护套材料:** 特殊改性 PVC 护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:**  $<0.5\text{mm}^2: 300/300\text{V} \geq 0.5\text{mm}^2: 300/500\text{V}$   
**测试电压:** 2500V  
**绝缘电阻:**  $>20 \text{ Gohm} \times \text{cm}$   
**最小弯曲半径:**  $5 \times D$  (电缆外径)  
**固定敷设:**  $5 \times D$  (电缆外径)  
**移动安装:**  $7.5 \times D$  (电缆外径)  
**使用温度:**  
**固定敷设:** -25°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阳 燃 性:** 符合IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命: >500 万次
- ◆ 最大移动速度: 架空3m/S, 滑行2m/S
- ◆ 良好的耐油性、耐磨性、能承受一定的机械外力

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。当外部有电磁干扰时, 推荐使用 HXY201。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, compliant with VDE0295 CLASS 6 standard.  
**Insulation:** Special mixed PVC.  
**Wire Colors:** Color-coded core wires ("digitally coded") according to DIN 47100.  
**Core Wire Structure:**  
Optimized pitch and cable structure design.  
**Sheath Material:** Special modified PVC.  
**Sheath Colors:** Black, Gray.

## Technical Specifications

**Rated Voltage:**  $<0.5\text{mm}^2: 300/300\text{V} \geq 0.5\text{mm}^2: 300/500\text{V}$   
**Test Voltage:** 2500V  
**Insulation Resistance:**  $>20 \text{ G}\Omega \times \text{cm}$   
**Minimum Bending Radius:**  
**Fixed Installation:**  $5 \times D$  (outer diameter)  
**Movable Installation:**  $7.5 \times D$  (outer diameter)  
**Operating Temperature:**  
**Fixed Installation:** -25°C to +70°C  
**Movable Installation:** -5°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: > 5 million cycles
- ◆ Maximum Movement Speed: 3m/s for overhead, 2m/s for skidding
- ◆ Additional Features: Good oil resistance, abrasion resistance, capable of withstanding certain mechanical forces.

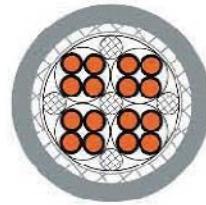
Approvals and Standards:

## Application

This cable is suitable for continuous reciprocation, particularly in industrial environments requiring frequent bending, such as drag chains in modern machinery, logistics systems, control systems, automated machinery, and CNC machines. In cases where there is external electromagnetic interference, HXY201 is recommended.

# HXYC201 PVC型高柔性屏蔽拖链电缆

PVC ultra flexible shielded cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特殊改性 PVC 绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合DIN47100  
**芯线结构:** 优化的节距和成缆结构设计  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 特殊改性 PVC 护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 2500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -25°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阻燃性:** 符合IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命: >500 万次
- ◆ 最大移动速度: 架空3m/S, 滑行2m/S
- ◆ 良好的耐油性、耐磨性、能承受一定的机械外力
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。屏蔽型结构尤其适合电磁场复杂的环境。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 CLASS 6 standard  
**Insulation:** Special mixed PVC  
**Wire Colors:** Color-coded core wires ("digitally coded") according to DIN 47100.  
**Core Wire Structure:**  
Optimized pitch and cable structure design  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** Special modified PVC  
**Sheath Colors:** Black,Gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup>: 300/300V ≥0.5mm<sup>2</sup> : 300/500V  
**Test Voltage:** 2500V  
**Insulation Resistance:** > 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed Installation:** 5×D (outer diameter)  
**Movable Installation:** 7.5×D (outer diameter)  
**Operating Temperature:**  
**Fixed Installation:** -25°C to+70°C,  
**Movable Installation:** -5°C to+70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: > 5 million cycles
- ◆ Maximum Movement Speed: 3m/s for overhead, 2m/s for skidding
- ◆ Additional Features: Oil resistance, abrasion resistance, capable of withstanding mechanical forces.
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

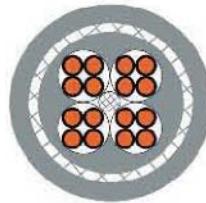
## Application

This cable is suitable for continuous reciprocation, particularly in industrial environments requiring frequent bending, such as drag chains in modern machinery, logistics systems, control systems, automated machinery, and CNC machines. The shielded construction is especially suited for environments with complex electromagnetic fields.

# HXYC202

PVC型高柔性双护套屏蔽拖链电缆

PVC double sheath shielded ultra flexible cable



## 产品结构

导线: 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
绝缘: 特殊改性 PVC 绝缘  
颜色代码: 彩色芯线(或数字编码), 符合DIN47100  
芯线结构: 优化的节距和成缆结构设计  
内护套: 特殊改性 PVC 内护套(适用于拖链)  
屏蔽层: 镀锡铜丝编织, 密度 80%  
护套材料: 特殊改性 PVC 护套(适用于拖链)  
护套颜色: 黑色或灰色

## 技术参数

额定电压: <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
测试电压: 2500V  
绝缘电阻: >20 Gohm x cm  
最小弯曲半径  
固定敷设: 5xD (电缆外径)  
移动安装: 7.5xD (电缆外径)  
使用温度  
固定敷设: -25°C 至 +70°C  
移动安装: -5°C 至 +70°C  
阳 燃 性: 符合IEC60332-1

## 产品特性

特性:

- ◆ 弯曲寿命: >500 万次
- ◆ 最大移动速度: 架空3m/S, 滑行2m/S
- ◆ 良好的耐油性、耐磨性、能承受一定的机械外力
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。屏蔽型结构尤其适合电磁场复杂的环境。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE 0295 CLASS 6 standard

**Insulation:** Special mixed PVC

**Wire Colors:** Color-coded core wires ("digitally coded") according to DIN 47100.

**Core Wire Structure:**

Optimized pitch and cable structure design

**Inner Sheath:** Special modified PVC (Suitable for drag chains)

**Shielding:** Tinned copper wire braided shield, density 80%

**Sheath Material:** Special modified PVC

**Sheath Colors:** Black,Gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup> : 300/300V ≥0.5mm<sup>2</sup> : 300/500V

**Test Voltage:** 2500V

**Insulation Resistance:** >20 GΩ x cm

**Minimum Bending Radius:**

**Fixed Installation:** 5xD(outer diameter)

**Movable Installation:** 7.5xD(outer diameter)

**Operating Temperature:**

**Fixed Installation:** -25°C to +70°C

**Movable Installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: > 5 million cycles
- ◆ Maximum Movement Speed: 3m/s for overhead, 2m/s for skidding
- ◆ Additional Features: Oil resistance, abrasion resistance, capable of withstanding certain mechanical forces.
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

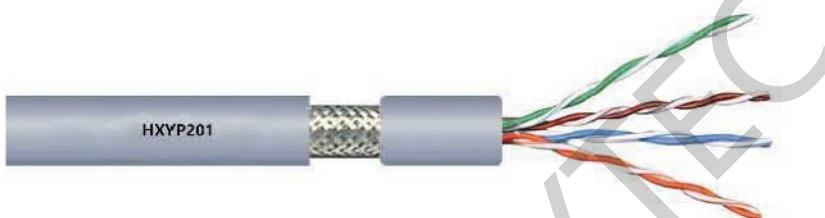
## Application

This cable is suitable for continuous reciprocation, particularly in industrial environments requiring frequent bending, such as drag chains in modern machinery, logistics systems, control systems, automated machinery, and CNC machines. The shielded construction is especially suited for environments with complex electromagnetic fields.

# HXYP201

PVC型高柔性单护套双绞屏蔽拖链电缆

PVC single sheath twist pair shielded ultra flexible cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特殊改性 PVC 绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合DIN47100  
**芯线结构:** 两两对绞, 优化的节距绞合成缆, 间隙填充  
**抗拉元件:**  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 特殊改性 PVC 护套(适用于拖链)  
**护套颜色:** 黑色、灰色、橙色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 1500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -25°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阻燃性:** 符合IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命: >500 万次
- ◆ 最大移动速度: 架空3m/S, 滑行2m/S
- ◆ 良好的耐油性、耐磨性、能承受一定的机械外力
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品多用于有信号干扰的场合, 对绞线对可有效减少相邻线对之间的信号干扰, 镀锡铜丝屏蔽层可有效抵抗外界电磁干扰。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed PVC  
**Wire Colors:** Color-coded core wires ("digitally coded") according to DIN 47100.  
**Core Wire Structure:** Two-pair twisted, optimized pitch twisted into cable, gap filled with tensile elements  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** Special modified PVC (suitable for drag chains)  
**Sheath Colors:** Black, Gray, Orange

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup>: 300/300V ≥0.5mm<sup>2</sup> : 300/500V  
**Test Voltage:** 1500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×D(outer diameter)  
**Movable Installation:** 7.5×D(outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -25°C to +70°C  
**Movable installation:** -5°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: 5 million cycles
- ◆ Maximum Movement Speed: 3m/s for overhead, 2m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance, capable of withstanding mechanical forces.
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

## Application

installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems, CNC machines. This product is mostly used in occasions with signal interference, twisted pairs of wires can effectively reduce the signal interference between adjacent pairs of wires, tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# HXYP202

PVC型高柔性双护套双绞屏蔽拖链电缆

PVC double sheath twist pair shielded ultra flexible cable



## 产品结构

导线: 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
绝缘: 特殊改性 PVC 绝缘  
颜色代码: 彩色芯线(或数字编码), 符合 DIN47100  
芯线结构: 两两对绞, 优化的节距绞合成缆, 空隙填充  
抗拉元件  
内护层: 特殊改性 PVC 内护套  
屏蔽层: 镀锡铜丝编织, 密度 80%  
护套材料: 特殊改性 PVC 护套(适用于拖链)  
护套颜色: 黑色、灰色、橙色

## 技术参数

额定电压:  $<0.5\text{mm}^2: 300/300\text{V} \geq 0.5\text{mm}^2: 300/500\text{V}$   
测试电压: 1500V  
绝缘电阻:  $>20\text{ Gohm} \times \text{cm}$   
最小弯曲半径  
固定敷设:  $5\times D$  (电缆外径)  
移动安装:  $7.5\times D$  (电缆外径)  
使用温度  
固定敷设:  $-25^\circ\text{C}$  至  $+70^\circ\text{C}$   
移动安装:  $-5^\circ\text{C}$  至  $+70^\circ\text{C}$   
阻燃性: 符合 IEC60332-1

## 产品特性

特性:

- ◆ 弯曲寿命: >500 万次
- ◆ 最大移动速度: 架空3m/S, 滑行2m/S
- ◆ 良好的耐油性、耐磨性、能承受一定的机械外力
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品多用于有信号干扰的场合, 对绞线对可有效减少相邻线对之间的信号干扰, 镀锡铜丝屏蔽层可有效抵抗外界电磁干扰。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed PVC  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:** Two-pair twisted, optimized pitch twisted into cable, gap filled with tensile elements  
**Inner Sheath:** Special modified PVC  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** Special modified PVC (suitable for drag chains)  
**Sheath Colors:** Black, Gray, Orange

## Technical Specifications

**Rated Voltage:**  $<0.5\text{mm}^2: 300/300\text{V} \geq 0.5\text{mm}^2: 300/500\text{V}$   
**Test Voltage:** 1500V  
**Insulation Resistance:**  $20\text{ G}\Omega \times \text{cm}$   
**Minimum Bending Radius:**  
**Fixed installation:**  $5\times D$  (outer diameter)  
**Movable Installation:**  $7.5\times D$  (outer diameter)  
**Operating Temperature:**  
**Fixed installation:**  $-25^\circ\text{C}$  to  $+70^\circ\text{C}$   
**Movable installation:**  $-5^\circ\text{C}$  to  $+70^\circ\text{C}$   
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: > 5 million cycles
- ◆ Maximum Movement Speed: 3m/s for overhead, 2m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance, capable of withstanding mechanical forces.
- ◆ Demonstrates good EMC performance (anti-interference).

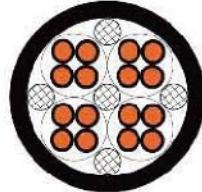
Approvals and Standards:

## Application

installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems, CNC machines. This product is mostly used in occasions with signal interference, twisted pairs of wires can effectively reduce the signal interference between adjacent pairs of wires, tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# HXYY501 PUR型高柔性非屏蔽拖链电缆

PUR sheath non-shielded ultra flexible cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 优化的节距和成缆结构设计  
**护套材料:** 高性能 PUR外护套 (适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 2500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -40°C 至 +90°C  
**移动安装:** -20°C 至 +90°C  
**阳燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命:> 1000 万次
- ◆ 最大移动速度:架空 8m/S, 滑行 5m/S
- ◆ 优异的耐油性、耐磨性、抗拉性、抗撕裂性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品外护套具有优异的耐磨性和抗撕裂性。当外部有电磁干扰时, 推荐使用HXY501。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:** Optimized pitch and cable structure design  
**Sheath Material:** High performance PUR (Suitable for drag chains)  
**Sheath Colors:** Black,gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup>: 300/300V ≥0.5mm<sup>2</sup>: 300/500V  
**Test Voltage:** 2500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×D(outer diameter)  
**Movable Installation:** 7.5×D(outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -40°C to +90°C  
**Movable installation:** -20°C to +90°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life : 10 million cycles
- ◆ Maximum Movement Speed:  
8m/s for overhead, 5m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance and stronger anti-bending performance

符合认证:

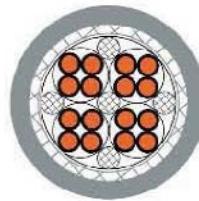
## Application

Installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems,cnc machines . The product's sheath has excellent abrasion resistance and anti-bending performance.HXYY501 is recommended when there is external electromagnetic interference.

# HXYC501

PUR型高柔性屏蔽拖链电缆

PUR sheath non-shielded ultra flexible cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 优化的节距和成缆结构设计  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 高性能 PUR外护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 2500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -40℃至 +90℃  
**移动安装:** -20℃至 +90℃  
**阻燃性:** 符合 IEC60332-1

## 产品特性

- ◆ 弯曲寿命:>1000 万次
- ◆ 最大移动速度:架空8m/S, 滑行5m/S
- ◆ 优异的耐油性、耐磨性、抗拉性、抗撕裂性
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品外护套具有优异的耐磨性和抗撕裂性。屏蔽型结构尤其适合电磁场复杂的环境。

PUR型高柔性拖链电缆

## Product Structure

**Conductor:** Fine Strands Of Oxygen-Free Copper Wire, according To VDE0295 Class 6 Standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:** Optimized pitch and cable structure design  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** High performance PUR(Suitable for drag chains)  
**Sheath Colors:** Black,gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup> : 300/300V ≥0.5mm<sup>2</sup> : 300/500V  
**Test Voltage:** 2500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD (outer diameter)  
**Movable Installation:** 7.5xD (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -40℃ to +90℃  
**Movable installation:** -20℃ to +90℃  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: 10 million cycles;
- ◆ Maximum Movement Speed: 8m/s for overhead, 5m/s for skidding
- ◆ Additional Features: Oil resistance, abrasion resistance and stronger anti-bending performance.
- ◆ Demonstrates good EMC performance (anti-interference).

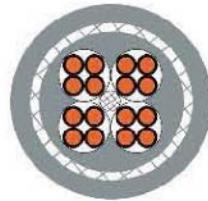
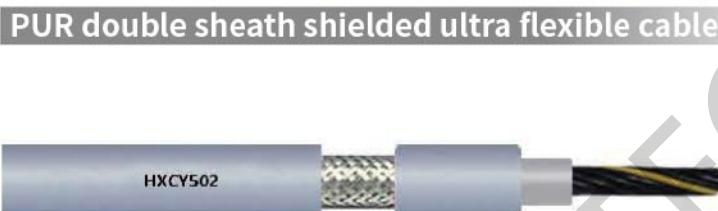
Approvals and Standards:

## Application

Installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems,cnc machines . The product's sheath has excellent abrasion resistance and anti-bending performance.shielded construction especially suited for environments with complex electromagnetic fields.

# HXYC502

PUR型高柔性双护套屏蔽拖链电缆



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 优化的节距和成缆结构设计  
**内护套:** 特殊改性 PVC 内护套(适用于拖链)  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 高性能 PUR外护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 2500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -40°C 至 +90°C  
**移动安装:** -20°C 至 +90°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命:>1000 万次
- ◆ 最大移动速度:架空8m/S, 滑行5m/S
- ◆ 优异的耐油性、耐磨性、抗拉性、抗撕裂性
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品外护套具有优异的耐磨性和抗撕裂性。屏蔽型结构尤其适合电磁场复杂的环境。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:** Optimized pitch and cable structure design  
**Inner Sheath:** Special modified PVC (suitable for drag chains)  
**Shielding:** Tinned copper wire braided shield, Density 80%  
**Sheath Material:**  
**High performance PUR (Suitable for drag chains)**  
**Sheath Colors:** Black,gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup>: 300/300V ≥0.5mm<sup>2</sup> : 300/500V  
**Test Voltage:** 2500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD (outer diameter)  
**Movable installation:** 7.5xD (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -40°C to +90°C  
**Movable installation:** -20°C to +90°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: 10 million cycles
- ◆ Maximum Movement Speed: 8m/s for overhead, 5m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance and stronger anti-bending performance.
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

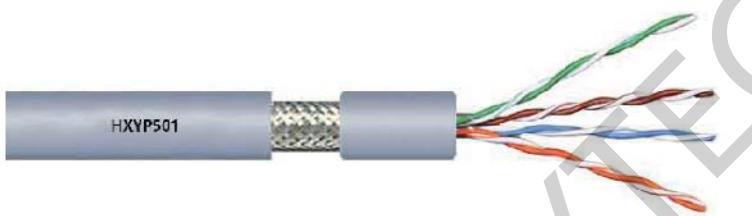
## Application

Installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems,cnc machines. The product's sheath has excellent abrasion resistance and anti-bending performance.shielded construction especially suited for environments with complex electromagnetic fields.

# HXYP501

PUR型高柔性双绞屏蔽拖链电缆

PUR sheath pair twist shielded ultra flexible cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 两两对绞, 优化的节距绞合成缆, 空隙填充  
**抗拉元件:**  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 高性能 PUR外护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 1500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -40°C 至 +90°C  
**移动安装:** -20°C 至 +90°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命:>1000 万次
- ◆ 最大移动速度:架空8m/S, 滑行5m/S
- ◆ 优异的耐油性、耐磨性、抗拉性、抗撕裂性
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品外护套具有优异的耐磨性和抗撕裂性。对绞线对可有效减少相邻线对之间的信号干扰, 镀锡铜丝屏蔽层可有效抵抗外界电磁干扰。

## Product Structure

**Conductor:** Fine Strands Of Oxygen-Free Copper Wire, According To VDE0295 Class 6 Standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:**  
Anti-twisted layered, optimized pitch and cable structure design  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** High performance PUR (Suitable for drag chains)  
**Sheath Colors:** Black, gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup>: 300/300V ≥0.5mm<sup>2</sup>: 300/500V  
**Test Voltage:** 1500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed Installation:** 5xD (outer diameter)  
**Movable Installation:** 7.5xD (outer diameter)  
**Operating Temperature:**  
**Fixed Installation:** -40°C to +90°C  
**Movable Installation:** -20°C to +90°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: 10 million cycles;
- ◆ Maximum movement speed: 8m/s for overhead, 5m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance and stronger anti-bending performance
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

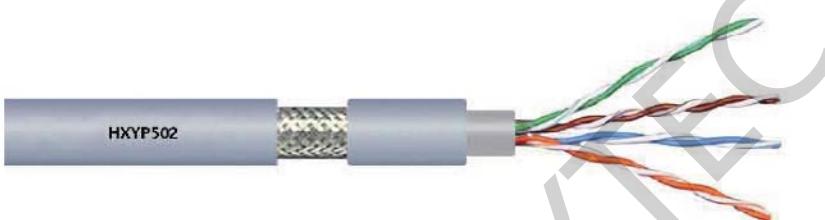
## Application

Installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems, cnc machines. The product's sheath has excellent abrasion resistance and anti-bending performance. This product is mostly used in occasions with signal interference, twisted pairs of wires can effectively reduce the signal interference between adjacent pairs of wires, tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# HXYP502

PUR型高柔性双护套双绞屏蔽拖链电缆

PUR double sheath pair twist shielded ultra flexible cable



## 产品结构

**导线:** 多股精绞无氧铜丝, 符合VDE0295 CLASS 6 标准  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 两两对绞, 优化的节距绞合成缆, 阴隙填充  
**抗拉元件:**  
**内护层:** 特殊改性 PVC 内护套  
**屏蔽层:** 镀锡铜丝编织, 密度 80%  
**护套材料:** 高性能 PUR外护套(适用于拖链)  
**护套颜色:** 黑色或灰色

## 技术参数

**额定电压:** <0.5mm<sup>2</sup>:300/300V ≥0.5mm<sup>2</sup>:300/500V  
**测试电压:** 1500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -40°C 至 +90°C  
**移动安装:** -20°C 至 +90°C  
**阳燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 弯曲寿命:>1000 万次
- ◆ 最大移动速度:架空8m/S, 滑行5m/S
- ◆ 优异的耐油性、耐磨性、抗拉性、抗撕裂性
- ◆ 良好的抗电磁干扰性

符合认证:

## 产品应用

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系统及物流传输系统、操控系统、数控机床、机械自动化系统等室内外环境。该产品外护套具有优异的耐磨性和抗撕裂性。对绞线对可有效减少相邻线对之间的信号干扰, 镀锡铜丝屏蔽层可有效抵抗外界电磁干扰。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, According to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded") to DIN 47100  
**Core Wire Structure:** Two-pair twisted, optimized pitch twisted into cable, gap filled with tensile elements  
**Inner Sheath:** Special modified PVC  
**Shielding:** Tinned copper wire braided shield, density 80%  
**Sheath Material:** High performance PUR (Suitable for drag chains)  
**Sheath Colors:** Black,gray

## Technical Specifications

**Rated Voltage:** <0.5mm<sup>2</sup> : 300/300V ≥0.5mm<sup>2</sup> : 300/500V  
**Test Voltage:** 1500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD (outer diameter)  
**Movable Installation:** 7.5xD (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -40°C to +90°C  
**Movable installation:** -20°C to +90°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Bending Life: 10 million cycles;
- ◆ Maximum movement speed: 8m/s for overhead, 5m/s for skidding
- ◆ Additional Features: oil resistance, abrasion resistance and stronger anti-bending performance
- ◆ Demonstrates good EMC performance (anti-interference).

Approvals and Standards:

## Application

Installation under continuous reciprocation, especially industrial frequent bending environments. It is suitable for indoor and outdoor environments such as drag chains of modern machinery and logistics systems, control systems, automatic machinery systems, cnc machines. The product's sheath has excellent abrasion resistance and anti-bending performance. This product is mostly used in occasions with signal interference, twisted pairs of wires can effectively reduce the signal interference between adjacent pairs of wires, tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# IRD-HXYY301

PVC经济型机器人专用动力电缆

PVC robot cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用  
高强度加强芯填充,增加抗拉伸性能  
**内护套:** 特种 PVC 混合物内护套(可选)  
**外护套:** 特种 PVC 混合物外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 0.6/1KV	测试电压: 3500V
弯曲寿命: > 800万次	扭转角度: 土180°
弯曲半径	
固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度	
固定安装: -30°C 至 +70°C	
移动安装: -5°C 至+70°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人动力电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人动力电缆作为机器人的动力驱动,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及弯曲运动的复杂柔性环境。当外部有电磁干扰时,推荐使用屏蔽型。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("Digitally coded") to din 47100  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC (optional)  
**Sheath Material:** Special modified PVC  
**Sheath Colors:** Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

Rated Voltage: 0.6/1kv	Test Voltage: 3500v
Bending Life: 8 million cycles	Durable Torsion Angle: ±180°
Bending Radius:	
Fixed installation: 5×D(outer diameter)	
Movable Installation: 7.5×D(outer diameter)	
Operating Temperature:	
Fixed installation: -30°C to +70°C	
Movable installation: -5°C to +70°C	
Flame Resistance: Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultraflexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. Shielded type is recommended when there is electromagnetic interference from outside.

# IRD-HXCY301

PVC经济型机器人专用屏蔽动力电缆

Cheap PVC shielded robot cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用高  
强度加强芯填充,增加抗拉伸性能  
**内护套:** 特种 PVC 混合物内护套(可选),编织层经过  
优化的镀锡铜丝屏蔽,具有高柔性和  
外护套: 特种 PVC 混合物外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 800万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -30°C 至 +70°C	
移动安装: -5°C 至 +70°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人动力电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人动力电缆作为机器人的动力驱动,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及弯曲运动的复杂柔性环境。经过优化的镀锡铜丝屏蔽,符合EMC电磁兼容要求。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC(optional)  
**Shielding:** Tinned copper wire braided shield, flexible  
**Sheath Material:** Special Modified PVC  
**Sheath Colors:** Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

Rated Voltage: 300/500V	Test Voltage: 1500V
Bending Life: 8million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed installation: 5xD (outer diameter)	
Movable Installation: 7.5xD (outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -30°C to +70°C	
Movable installation: -5°C to +70°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. Optimized tinned copper mesh woven shielding, demonstrates good EMC performance (anti-interference).

# IRK-HXYY301

PVC经济型机器人专用控制电缆

Cheap PVC robot cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用高  
强度加强芯填充,增加抗拉伸性能  
**内护套:** 特种PVC混合物内护套(可选)  
**外护套:** 特种PVC混合物外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 800万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -30°C 至 +70°C	
移动安装: -5°C 至 +70°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人动力电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人控制电缆作为机器人的电气控制连接,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等扭力和弯曲应力同时存在的柔性环境,可应用于干燥、潮湿以及高污染的室内环境。当外部有电磁干扰时,推荐使用屏蔽型。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC(optional)  
**Sheath Material:** Special modified PVC  
**Sheath Colors:** Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

Rated Voltage: 300/500V	Test Voltage: 1500V
Bending Life: 8million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed installation: 5×D(outer diameter)	
Movable Installation: 7.5×D(outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -30°C to +70°C	
Movable installation: -5°C to +70°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultraflexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

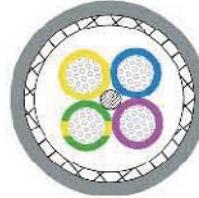
## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. Shielded type is recommended when there is electromagnetic interference from outside.

# IRK-HXYC301

PVC经济型机器人专用屏蔽控制电缆

Cheap PVC shielded robot cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用高  
强度加强芯填充,增加抗拉伸性能  
**内护套:** 特种PVC混合物内护套(可选),编织层经过  
优化的镀锡铜丝屏蔽,具有高柔性和  
耐候性  
**外护套:** 特种PVC混合物外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC(optional)  
**Shielding:** Tinned copper wire braided shield, flexible  
**Sheath Material:** Special modified PVC  
**Sheath Colors:** Black Or Other  
Reference Standard:TICW21-2019 , IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 800万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -30°C 至 +70°C	
移动安装: -5°C 至 +70°C	
阻燃性: 符合 IEC60332-1	

## Technical Specifications

Rated Voltage: 300/500V	Test Voltage: 1500V
Bending Life: 8million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed installation: 5×D(outer diameter)	
Movable Installation: 7.5×D(outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -30°C to +70°C	
Movable installation: -5°C to +70°C	
Flame Resistance: Complies with IEC60332-1	

## 产品特性

机器人控制电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## 产品应用

机器人控制电缆作为机器人的电气控制连接,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等扭力和弯曲应力同时存在的柔性环境,可应用于干燥、潮湿以及高污染的室内环境。经过优化的镀锡铜丝屏蔽,符合EMC电磁兼容要求。

## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. It can be used in dry, humid and highly polluted indoor environments. optimized tinned copper mesh woven shielding, demonstrates good EMC performance (anti-interference).

# IRS-HXYP301

PVC经济型机器人专用信号电缆

Cheap PVC Signal robot cable



## 产品结构

**导体:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6

**绝缘:** 特种高强度弹性体绝缘(或PE)

**颜色代码:** 彩色芯线识别

**芯线结构:** 优化的对绞节距设计,间隙采用高强度  
加强芯填充,增加抗拉伸性能

**内护套:** 特种PVC混合物内护套(可选)

编织层经过优化的镀锡铜丝屏蔽,具有高柔性

**外护套:** 特种PVC混合物外护套

**护套颜色:** 黑色或其他

**参考标准:** TICW21-2019, IDT

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire,  
according to VDE0295 class 6 standard

**Insulation:** TPU (or PE)

**Wire Colors:** Colored core wire ("digitally coded")

**Core Wire Structure:**

Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.

**Inner Sheath:** Special modified PVC(optional)

**Shielding:** Tinned copper wire braided shield, flexible

**Sheath Material:** Special Modified PVC

**Sheath Colors:** Black or other

**Reference Standard:** TICW21-2019 , IDT

## 技术参数

**额定电压:** 30V      **测试电压:** 500V

**弯曲寿命:** > 800万次      **扭转角度:** 土180°

**弯曲半径:** 固定安装: 5xD (电缆外径)

移动安装: 7.5xD (电缆外径)

**使用温度:** 固定安装: -30°C 至 +70°C

移动安装: -5°C 至 +70°C

**阻燃性:** 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** 30V

**Test Voltage:** 500V

**Bending Life:** 8million cycles

**Durable Torsion Angle:** ±180°

**Bending Radius:**

**Fixed Installation:** 5×D (outer diameter)

**Movable Installation:** 7.5×D (outer diameter)

**Operating Temperature:**

**Fixed installation:** -30°C to +70°C

**Movable installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

## 产品特性

机器人信号电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## 产品应用

机器人信号电缆作为机器人系统数据信号传输媒介,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及弯曲运动的复杂柔性环境。经过优化的镀锡铜丝屏蔽,符合EMC电磁兼容要求。

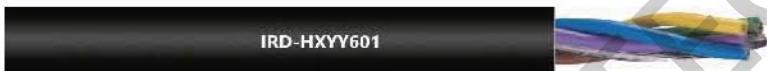
## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. optimized tinned copper mesh woven shielding, demonstrates good EMC performance (anti-interference).

# IRD-HXYY601

PUR型机器人专用动力电缆

PUR robot cable



## 产品结构

**导体:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用  
高强度加强芯填充,增加抗拉伸性能  
**内护套:** 高性能聚氨酯内护套(可选)  
**外护套:** 高性能聚氨酯外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("Digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC(optional)  
**Sheath Material:** Special modified PVC  
**Sheath Colors:** Black or other  
**Reference standard:** TICW21-2019 , IDT

## 技术参数

额定电压: 0.6/1kV	测试电压: 3500V
弯曲寿命: > 1500万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -40°C 至 +90°C	
移动安装: -30°C 至 +90°C	
阻燃性: 符合 IEC60332-1	

## Technical Specifications

Rated Voltage: 0.6/1kV	Test Voltage: 3500V
Bending Life: 15 million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed Installation: 5×d (outer diameter)	
Movable Installation: 7.5×d (outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -40°C to +90°C	
Movable installation: -30°C to +90°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## 产品特性

机器人动力电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人动力电缆作为机器人的动力驱动,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及弯曲运动的复杂柔性环境。当外部有电磁干扰时,推荐使用屏蔽型。

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. shielded type is recommended when there is electromagnetic interference from outside.

# IRD-HXYC601

PUR型机器人专用屏蔽动力电缆

PUR robot cable



## 产品结构

**导体:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用  
高强度加强芯填充,增加抗拉伸性能  
**内护套:** 高性能聚氨酯内护套(可选)  
编织层经过优化的镀锡铜丝屏蔽,具有高柔性  
**外护套:** 高性能聚氨酯外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 1500万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -40°C 至 +90°C	
移动安装: -30°C 至 +90°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人动力电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人动力电缆作为机器人的动力驱动,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及变曲运动的复杂柔性环境。经过优化的镀锡铜丝屏蔽,符合 EMC 电磁兼容要求。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("Digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** Special modified PVC (optional)  
**Shielding:** Tinned copper wire braided shield, flexible  
**Sheath Material:** PURsheath Colors:Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

Rated Voltage: 300/500V	Test Voltage: 1500V
Bending Life: 15 million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed installation: 5×d(outer diameter)	
Movable Installation: 7.5×d(outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -40°C to +90°C	
Movable installation: -30°C to +90°C	
<b>Flame resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

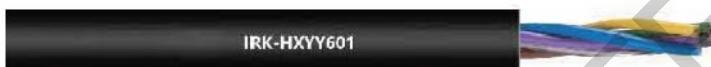
## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. optimized tinned copper mesh woven shielding, demonstrates good EMC performance (anti-interference).

# IRK-HXYY601

PUR型机器人专用控制电缆

PUR robot control cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用  
高强度加强芯填充,增加抗拉伸性能  
**内护套:** 高性能聚氨酯内护套(可选)  
**外护套:** 高性能聚氨酯外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 1500万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -40°C 至 +90°C	
移动安装: -30°C 至 +90°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人控制电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人控制电缆作为机器人的电气控制连接,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等扭力和弯曲应力同时存在的柔性环境,可应用于干燥、潮湿以及高污染的室内环境。当外部有电磁干扰时,推荐使用屏蔽型。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** PUR (Optional)  
**Sheath Material:** PURsheath Colors:Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

<b>Rated Voltage:</b> 300/500V	<b>Test Voltage:</b> 1500V
<b>Bending Life:</b> 15 million cycles	<b>Durable Torsion Angle:</b> ±180°
<b>Bending Radius:</b>	
<b>Fixed installation:</b> 5×D(outer diameter)	
<b>Movable Installation:</b> 7.5×D(outer diameter)	
<b>Operating Temperature:</b>	
<b>Fixed installation:</b> -40°C to +90°C	
<b>Movable installation:</b> -30°C to +90°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

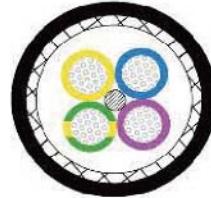
## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. shielded type is recommended when there is electromagnetic interference from outside.

# IRK-HXYC601

PUR型机器人专用屏蔽控制电缆

PUR shielded robot control cable



## 产品结构

**导体:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘  
**颜色代码:** 彩色芯线或数字编码识别  
**芯线结构:** 特殊节距以及芯线复绞设计,间隙采用  
高强度加强芯填充,增加抗拉伸性能  
**内护套:** 高性能聚氨酯内护套(可选)  
编织层经过优化的镀锡铜丝屏蔽,具有高柔性和  
**外护套:** 高性能聚氨酯外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 300/500V	测试电压: 1500V
弯曲寿命: > 1500万次	扭转角度: ±180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -40°C 至 +90°C	
移动安装: -30°C 至 +90°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人控制电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人控制电缆作为机器人的电气控制连接,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等扭力和弯曲应力同时存在的柔性环境,可应用于干燥、潮湿以及高污染的室内环境。经过优化的镀锡铜丝屏蔽,符合EMC电磁兼容要求。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner sheath:** PUR (Optional)  
**Shielding:** Tinned copper wire braided shield, flexible  
**Sheath Material:** PUR  
**Sheath Colors:** Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

<b>Rated Voltage:</b> 300/500V	<b>Test Voltage:</b> 1500V
<b>Bending Life:</b> 15 million cycles	<b>Durable Torsion Angle:</b> ±180°
<b>Bending Radius:</b>	
<b>Fixed installation:</b> 5×D (outer diameter)	
<b>Movable Installation:</b> 7.5×D (outer diameter)	
<b>Operating Temperature:</b>	
<b>Fixed Installation:</b> -40°C to +90°C	
<b>Movable installation:</b> -30°C to +90°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultra-flexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. optimized tinned copper mesh woven shielding, demonstrates good EMC performance (anti-interference).

# IRS-HXYP601

PUR型机器人专用信号电缆

PUR robot signal cable



## 产品结构

**导线:** 经过优化的多股特细无氧铜丝绞合结构,  
符合VDE0295 CLASS 6  
**绝缘:** 特种高强度弹性体绝缘 (或 PE)  
**颜色代码:** 彩色芯线识别  
**芯线结构:** 优化的对绞节距设计,间隙采用高强度  
加强芯填充,增加抗拉伸性能  
**内护套:** 高性能聚氨酯内护套 (可选)  
编织层经过优化的镀锡铜丝屏蔽,具有高柔性和  
**外护套:** 高性能聚氨酯外护套  
**护套颜色:** 黑色或其他  
**参考标准:** TICW21-2019, IDT

## 技术参数

额定电压: 30V	测试电压: 500V
弯曲寿命: > 1500万次	扭转角度: 土180°
弯曲半径: 固定安装: 5xD (电缆外径)	
移动安装: 7.5xD (电缆外径)	
使用温度: 固定安装: -40°C 至 +90°C	
移动安装: -30°C 至 +90°C	
阻燃性: 符合 IEC60332-1	

## 产品特性

机器人信号电缆率先通过添唯认证中心认证(国家认监委、发改委、中国机器人产业联盟唯一授权的机器人产品认证机构),产品具有超柔性,更小的弯曲半径,优异的耐水解,耐微生物,耐化学,抗拉耐磨特性,采用最佳的结构设计和优质的专用材料,使产品各项性能均处于国内领先水平。

符合认证:

## 产品应用

机器人信号电缆作为机器人系统数据信号传输媒介,广泛适用于搬运机器人、清洗机器人、码垛机器人、喷涂机器人、水下机器人、智能流水线、机器人手臂等长期扭转及变曲运动的复杂柔性环境。经过优化的镀锡铜丝屏蔽,符合 EMC 电磁兼容要求。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU (or PE)  
**Wire Colors:** Colored core wire  
**Core Wire Structure:** Special pitch and core stranding design, the gap is filled with high-strength reinforcing core to increase the tensile performance.  
**Inner Sheath:** PUR (Optional)  
**Sheath Material:** PUR  
**Sheath Colors:** Black or other  
**Reference Standard:** TICW21-2019 , IDT

## Technical Specifications

Rated Voltage: 30V	Test Voltage: 500V
Bending Life: 15 million cycles	Durable Torsion Angle: ±180°
<b>Bending Radius:</b>	
Fixed Installation: 5×D (outer diameter)	
Movable Installation: 7.5×D (outer diameter)	
<b>Operating Temperature:</b>	
Fixed installation: -40°C to +90°C	
Movable installation: -30°C to +90°C	
<b>Flame Resistance:</b> Complies with IEC60332-1	

## Special Characteristics

Robot power cables are the first to be certified by tianwei certification center (the only robot product certification body authorized by CNCA, NDRC and china robotics industry alliance). The products have ultraflexibility, smaller bending radius, excellent resistance to hydrolysis, microorganisms, chemicals, tensile and abrasion resistance, and the adoption of optimal structural design and high-quality special materials makes the products' performances at the leading level in china.

Approvals and Standards:

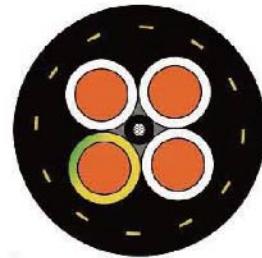
## Application

Robot power cables are used as power drives for robot systems and are widely used in complex flexible environments with long torsion and bending motions, such as handling robots, cleaning robots, palletizing robots, spraying robots, underwater robots, intelligent assembly lines, robot arms, and so on. optimized tinned copper mesh woven shielding, demonstrates good emc performance (anti-interference).

# HXCRANE-FD

经济型卷筒电缆

Cheap Reel Cable



## 产品结构

**导线:** 多股精绞无氧铜丝,  
符合VDE0295 CLASS 5 或 6 标准  
**绝缘:** 特殊 PVC 混合物  
**颜色代码:** 彩色芯线或数字编码  
**芯线成缆:** 最佳节距及特殊绞合方式成缆  
**内护套:** 特种耐磨丁腈复合材料  
**加强层:** 高强度芳纶丝编织  
**外护套:** 特种耐磨丁腈复合材料  
**护套颜色:** 黑色 / 黄色  
**参考标准:** VDE0295; HD.21

## 技术参数

**额定电压:** U<sub>0</sub>/U 0.6/1KV  
**测试电压:** 3500V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 10xD (电缆外径)  
**使用温度:**  
**固定敷设:** -25°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阳 燃 性:** 符合 IEC60332-1

## 特性要求

**特性:**

- ◆ 柔软、弯曲半径小
- ◆ 抗拉、抗撕裂
- ◆ 良好的耐油性、耐磨性

符合认证:



## 应用范围

广泛应用于垂直升降机、港口门吊起重机、连接装船机卸船机、塔式起重机械设备等，适用于干燥或潮湿室外或室内的各种电气安装。鉴于其特殊的柔性设计，它还适用于无应力缓释可强制引导的左右非连续性运动下安装或固定敷设。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special PVC  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design  
**Inner Sheath:** Nitrile  
**Strengthen:** High-strength aramid yarn braiding  
**Sheath Material:** Nitrile  
**Sheath Colors:** Black,yellow  
**Reference Standard:** VDE0295; HD.21

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV  
**Test Voltage:** 3500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×D (outer diameter)  
**Movable Installation:** 10×D (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -25°C to +70°C  
**Movable installation:** -5°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Flexible, small bending radius
- ◆ Tensile strength, tear resistance
- ◆ Good oil resistance, abrasion resistance

Approvals and Standards:



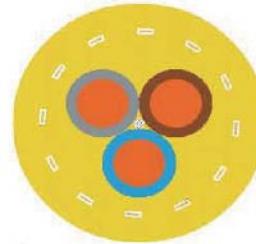
## Application

Widely used in vertical lift, used as connecting and control cables for port portal cranes, container cranes, loading machines, unloading machines, large gantry cranes, tower cranes and other heavy machinery and equipments. Suitable for dry or wet indoor or outdoor variety of electrical installation.in view of its special flexible design, it is also suitable for installation or fixed laying under left-right discontinuous movement without stress relief which can be forcibly guided.

# HXCRANE-FD-PUR

PUR型卷筒电缆

PUR Reel Cable



## 产品结构

导线: 多股精绞无氧铜丝,  
符合VDE0295 CLASS 5 或 6 标准  
绝缘: 特殊 PVC 混合物  
颜色代码: 彩色芯线或数字编码  
芯线成缆: 最佳节距及特殊绞合方式成缆  
内护套: 特种耐磨丁腈复合材料  
抗扭层: 高强度芳纶丝编织  
外护套: 特种耐磨丁腈复合材料  
护套颜色: 黑色 / 黄色  
参考标准: VDE0295; HD.21

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV  
测试电压: 3500V  
绝缘电阻: >20 Gohm x cm  
最小弯曲半径  
固定敷设: 5xD (电缆外径)  
移动安装: 10xD (电缆外径)  
使用温度  
固定敷设: -25°C 至 +70°C  
移动安装: -5°C 至 +70°C

## 特性要求

特性:  
◆ 柔软、弯曲半径小  
◆ 抗拉、抗撕裂  
◆ 良好的耐油性、耐磨性

符合认证: 

## 应用范围

广泛适用于重型工业环境中, 用于行车起重机、重型运输机械、集装箱吊机等频繁放缆与收缆的卷筒系统, 可在干燥或潮湿室外或室内的环境中使用。本产品具有极好的抗扭转、抗拉、耐磨、耐油、耐腐蚀特性。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 CLASS 6 standard  
**Insulation:** special PVC  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design  
**Inner Sheath:** Nitrile  
**Strengthen:** High-strength aramid yarn braiding  
**Sheath Material:** High strength and abrasion resistance PUR  
**Sheath Colors:** Black,Yellow  
**Reference Standard:** VDE0295; HD.21

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV  
**Test Voltage:** 3500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×D (outer diameter)  
**Movable Installation:** 10×D (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -25°C to +70°C  
**Movable installation:** -5°C to +70°C

## Special Characteristics

- ◆ Flexible, small bending radius
- ◆ Tensile strength, tear resistance
- ◆ Good oil resistance, abrasion resistance

Approvals and Standards: 

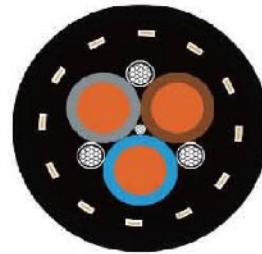
## Application

Widely used in building construction vertical lift, used as connecting and control cables for port portal cranes, container cranes, loading machines, unloading machines, large gantry cranes, tower cranes and other heavy machinery and equipments. Suitable for dry or wet indoor or outdoor variety of electrical installation.the product has an excellent torsion-resistant, tensile strength ,oil resistance, abrasion resistance,corrosion resistance service.

# HXCRANE-FD-KL

高抗拉 PUR 型卷筒电缆

PUR high tensile Reel Cable



## 产品结构

导线: 多股精绞无氧铜丝(采用特殊束丝结构)  
符合VDE0295 CLASS 6标准  
绝缘: 特种高强度弹性体  
颜色代码: 彩色芯线或数字编码  
芯线成缆: 最佳节距及特殊绞合方式成缆  
内护套: 高强度耐磨 PUR 内护套  
抗扭层: 高强度芳纶丝编织  
外护套: 高强度耐磨 PUR 外护套  
护套颜色: 黑色 / 黄色  
参考标准: VDE0295; HD.21

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV  
测试电压: 3500V  
绝缘电阻: >20 Gohm x cm  
最小弯曲半径  
固定敷设: 5xD (电缆外径)  
移动安装: 10xD (电缆外径)  
使用温度  
固定敷设: -40°C 至 +90°C  
移动安装: -20°C 至 +90°C

## 特性要求

特性:  
◆ 高抗拉、抗扭、耐磨  
◆ 优异的耐油性、耐寒性、耐腐蚀、耐候性  
◆ 使用寿命长、可替代进口

符合认证:

## 应用范围

广泛适用于重型工业环境中, 用于行车起重机、重型运输机械、集装箱吊机等频繁放缆与收缆的卷筒系统, 可在干燥或潮湿室外或室内的环境中使用。本产品具有极好的抗扭转、抗拉、耐磨、耐油、耐腐蚀特性, 使用寿命长, 可替代进口。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** TPU  
**Wire Colors:** Colored core wire ("digitally coded")  
**Core Wire Structure:** Special pitch and core stranding design  
**Inner Sheath:** High strength and abrasion resistance PUR  
**Strengthen:** High-strength aramid yarn braiding  
**Sheath Material:** High strength and abrasion resistance PUR  
**Sheath Colors:** Black,Yellow  
**Reference Standard:** VDE0295; HD.21

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV  
**Test Voltage:** 3500V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
Fixed installation: 5xD (outer diameter)  
Movable installation: 10xD (outer diameter)  
**Operating Temperature:**  
Fixed installation: -40°C to +90°C  
Movable installation: -20°C to +90°C

## Special Characteristics

- ◆ tensile strength,torsion-resistant,abrasion resistance
- ◆ oil resistance,cold resistance,corrosion resistance,weathering resistance
- ◆ Long service life, can replace imported products

Approvals and Standards:

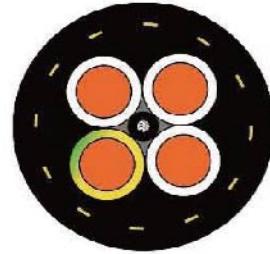
## Application

This cable is widely applicable in heavy industrial environments and is used in reel systems for frequent cable laying and retraction in overhead cranes, heavy-duty transport machinery, container cranes, etc. It can be used in both dry and wet indoor or outdoor environments. This product features excellent resistance to twisting, tension, abrasion, oil, and corrosion, offering a long service life and can serve as a replacement for imported products.

# HXCRANE-FD-CYJ

铲运机专用卷筒电缆

Reel Cable for Scraper



## 产品结构

导线: 多股精绞无氧铜丝(采用特殊束丝方式)

符合 VDE0295 CLASS6 标准

绝缘: 特种高强度弹性体

颜色代码: 彩色芯线或编码线, 符合 VDE 0293

芯线成缆: 针对卷筒应用以最佳节距及特殊绞合  
方式成缆

内护套: 高强度耐磨 PUR 内护套

抗扭层: 高强度芳纶丝编织

外护套: 高强度耐磨 PUR 外护套

护套颜色: 黑色 / 黄色

参考标准: VDE0295;HD.21

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 CLASS 6 standard(special bunching )

**Insulation:** TPU

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design for reel

**Inner Sheath:** High strength and abrasion resistance PUR

**Strengthen:** High-strength aramid yarn braiding

**Sheath Material:** High strength and abrasion resistance PUR

**Sheath Colors:** black,yellow

**Reference Standard:** VDE0295; HD.21

## 技术参数

额定电压:  $U_0/U$  0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设: -40°C 至 +90°C

移动安装: -20°C 至 +90°C

## Technical Specifications

**Rated Voltage:**  $U_0 / 0.6 / 1KV$

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5xD (outer diameter)

**Movable Installation:** 10xD (outer diameter)

**Operating Temperature:**

**Fixed installation:** -40°C to +90°C

**Movable installation:** -20°C to +90°C

## 特性要求

- ◆ 高抗拉、抗撕裂、抗扭转、高耐磨
- ◆ 优异的耐油性、耐寒性、耐腐蚀、耐候性
- ◆ 使用寿命长、可替代进口

符合认证: 

## 应用范围

铲运机卷筒电缆广泛应用于地下采矿作业现场、起重吊装现场、大型物流现场、港口码头现场等频繁放缆与收缆的卷筒系统, 适用于各种地下采矿移动设备、电动铲车、电动铲运机等设备的电气连接和控制。

## Special Characteristics

- ◆ Tensile strength, torsion-resistant, abrasion resistance
- ◆ Oil resistance, cold resistance, corrosion resistance, weathering resistance
- ◆ Long service life, can replace imported products

Approvals and Standards: 

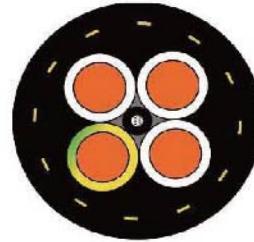
## Application

Scraper reel cables are widely used in reel systems for frequent cable release and take-up at underground mining operation sites, lifting and hoisting sites, large-scale logistics sites, port terminal sites, etc. They are suitable for the electrical connection and control of all kinds of underground mining mobile equipments, electric shovels, electric scrapers and other equipments.

# HXCRANE-FD-ZDJ

抓斗机专用卷筒电缆

Reel Cable for grapple



## 产品结构

导线: 多股精绞无氧铜丝(采用特殊束丝结构)

符合 VDE0295 CLASS 6 标准

绝缘: 特殊 PVC 混合物或特种高强度弹性体

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 针对卷筒应用以最佳节距及特殊绞合方式成缆

内护套: 特种耐磨丁晴复合材料(PUR可选)

抗扭层: 高强度芳纶丝编织

外护套: 高强度耐磨 PUR 外护套

护套颜色: 黑色 / 黄色

参考标准: VDE0295; HD.21

## 技术参数

额定电压:  $U_0/U$  0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设: -40°C 至 +90°C

移动安装: -20°C 至 +90°C

## 特性要求

抓斗机卷筒电缆采用持续改进的结构设计和进口优质材料, 大大提高了电缆的耐用性, 可以经受长时间卷绕拖拽运动, 具有优异的抗拉、抗扭、耐磨、耐油、耐候性能, 使用寿命优于一般工艺材质的国产卷筒电缆。

符合认证:

## 应用范围

抓斗机卷筒电缆广泛应用于垃圾焚烧厂, 垃圾发电厂地下采矿作业现场, 起重吊装现场, 大型物流现场, 港口码头现场等。适用于各种船用抓斗, 垃圾抓斗, 地下采矿移动设备, 大型起重机械, 等重型机械设备的电气连接和控制。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard (special bunching )

**Insulation:** Special PVC or TPU

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design for reel

**Inner Sheath:** Nitrile(PUR optional)

**Strengthen:** High-strength aramid yarn braiding

**Sheath Material:** High strength and abrasion resistance PUR

**Sheath Colors:** Black,Yellow

**Reference Standard:** VDE0295; HD.21

## Technical Specifications

**Rated Voltage:**  $U_0 / 0.6 / 1KV$

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5xD (outer diameter)

**Movable Installation:** 10xD (outer diameter)

**Operating Temperature:**

**Fixed installation:** -40°C to +90°C

**Movable installation:** -20°C to +90°C

## Special Characteristics

Grabber reel cable adopts continuously improved structural design and imported high-quality materials, which greatly improves the durability of the cable and can withstand long-time coiling and dragging movements. The product has an excellent torsion-resistant, tensile strength, oil resistance, abrasion resistance, corrosion resistance. Its service life is superior to domestic reel cables made of general process materials.

Approvals and Standards:



## Application

Grab reel cables are widely used in waste incineration plants, waste power plants, underground mining operation sites, lifting and hoisting sites, large logistics sites, port terminal sites and so on. It is suitable for electrical connection and control of all kinds of heavy machinery and equipment such as marine grab, garbage grab, underground mining mobile equipment, large lifting machinery and so on.

# HXCRANE-FD-FH

特种复合卷筒电缆

Special Composite Reel Cable



## 产品结构

导线: 多股精绞无氧铜丝(采用特殊束丝方式)

符合 VDE0295 CLASS 6 标准

绝缘: 特殊 PVC 混合物或特种高强度弹性体

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 最优节距设计和特殊绞合方式成缆

屏蔽: 信号控制芯线采用耐腐蚀镀锡铜丝编织屏蔽

内护套: 特种耐磨丁腈复合材料(PUR可选)

抗扭层: 高强度芳纶丝编织

外护套: 高强度耐磨 PUR 外护套

护套颜色: 黑色 / 黄色

参考标准: VDE0295; HD.21

## 技术参数

额定电压:  $U_0/U$  0.6/1KV

测试电压: 3500V

绝缘电阻:  $>20 \text{ Gohm} \times \text{cm}$

最小弯曲半径

固定敷设:  $5\times D$  (电缆外径)

移动安装:  $10\times D$  (电缆外径)

使用温度

固定敷设:  $-40^\circ\text{C}$  至  $+90^\circ\text{C}$

移动安装:  $-20^\circ\text{C}$  至  $+90^\circ\text{C}$

## 特性要求

特种复合卷筒电缆具有特种抗张力特性, 高强度, 高耐磨, 高柔韧性, 防紫外线(电缆不开裂), 防复杂化学腐蚀。特殊的结构设计在保证电缆本身的特性之外, 同时保证信号传输不受动力传输的电磁干扰。

符合认证: 

## 应用范围

特种复合卷筒电缆广泛应用于大型起重吊装现场, 垃圾焚烧厂, 垃圾发电厂, 物流现场, 港口码头现场等门式起重机、大型起重机械设备的电气连接和控制。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard (special bunching )

**Insulation:** Special PVC or TPU

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:** best pitch and core stranding design for reel

**Shielded:**

Signal control cores use corrosion resistance copper mesh woven shielding

**Inner Sheath:** Nitrile(PUR optional)

**Strengthen:** High-strength aramid yarn braiding

**Sheath Material:** High strength and abrasion resistance PUR

**Sheath Colors:** Black, Yellow

**Reference Standard:** VDE0295; HD.21

## Technical Specifications

**Rated Voltage:**  $U_0 / 0.6 / 1KV$

**Test Voltage:** 3500V

**Insulation Resistance:**  $20 \text{ G}\Omega \times \text{cm}$

**Minimum Bending Radius:**

**Fixed installation:**  $5\times D$  (outer diameter)

**Movable Installation:**  $10\times D$  (outer diameter)

**Operating Temperature:**

**Fixed installation:**  $-40^\circ\text{C}$  to  $+90^\circ\text{C}$

**Movable installation:**  $-20^\circ\text{C}$  to  $+90^\circ\text{C}$

## Special Characteristics

Special composite reel cable has special tensile strength, high strength ,abrasion resistance, high flexible,resistant to uv rays and complex chemicals.the special structural design ensures that, in addition to the characteristics of the cable itself, the signal transmission is not subject to electromagnetic interference from the power transmission at the same time.

Approvals and Standards: 

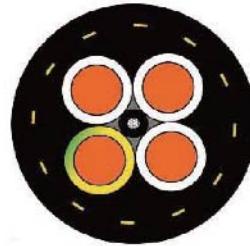
## Application

Special composite reel cables are widely used in large lifting and hoisting sites,waste incineration plants, waste power plants large-scale logistics sites, port terminal sites, etc.they are suitable for electrical connection and control of gantry cranes and large lifting equipment.

# FESTOON-FD

丁晴拖令电缆

Nitrile Trailing Cable



## 产品结构

导线: 多股精绞无氧铜丝,

符合 VDE0295 CLASS 5 或 6 标准

绝缘: 特殊 PVC 混合物

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 优化的节距绞合成缆, 中心填充抗拉元件

内护套: 特种耐磨丁腈复合材料

加强层: 芳纶丝编织加强层

外护套: 特种耐磨丁腈复合材料

护套颜色: 黑色 / 黄色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard (special bunching )

**Insulation:** Special mixed PVC

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design, Center-filled tensile elements

**Inner Sheath:** Nitrile

**Strengthen:** High-strength aramid yarn braiding

**Sheath Material:** Nitrile

**Sheath Colors:** black, Gray

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设: -25°C 至 +70°C

移动安装: -5°C 至 +70°C

阳燃性: 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5×D (outer diameter)

**Movable Installation:** 10×D (outer diameter)

**Operating Temperature:**

**Fixed installation:** -25°C to +70°C

**Movable installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

## 特性要求

特性: ◆ 柔软、耐弯折

◆ 抗拉、抗撕裂

◆ 良好的耐油性、耐磨性

符合认证:

## Special Characteristics

- ◆ Flexible, torsion-resistant
- ◆ Tensile strength, tear resistance
- ◆ Good oil resistance, abrasion resistance

Approvals and Standards:



## 应用范围

广泛适用于适用于频繁弯曲和往返运动的拖令系统, 适合中低速运动的场合。

此款电缆适合在干燥、潮湿的室内使用。

## Application

Widely used in towing systems with frequent bending and back-and-forth motions, suitable for low and medium-speed motions. This cable is suitable for use in dry and humid rooms.

# FESTOON-FD-CY

丁晴屏蔽拖令电缆

Nitrile Shielded Trailing Cable



## 产品结构

导线: 多股精绞无氧铜丝,

符合 VDE0295 CLASS 5 或 6 标准

绝缘: 特殊 PVC 混合物

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 优化的节距绞合成缆, 中心填充抗拉元件

内护套: 特种耐磨丁晴复合材料

屏蔽层: 镀锡铜丝编织, 密度 80%

外护套: 特种耐磨丁晴复合材料

护套颜色: 黑色 / 灰色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard (special bunching )

**Insulation:** Special mixed PVC

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design, center-filled tensile elements

**Inner Sheath:** Nitrile

**Shielding:** Tinned copper mesh woven shielding, density 80%

**Sheath Material:** Nitrile

**Sheath Colors:** Black, Gray

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设: -25°C 至 +70°C

移动安装: -5°C 至 +70°C

阻燃性: 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5xD (outer diameter)

**Movable Installation:** 10xD (outer diameter)

**Operating Temperature:**

**Fixed installation:** -25°C to +70°C

**Movable installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

## 特性要求

特性: ◆ 柔软、耐弯折

◆ 良好的抗拉、抗撕裂、耐油性、耐磨性

◆ 良好的抗电磁干扰性

符合认证: 

## 应用范围

广泛适用于适用于频繁弯曲和往返运动的拖令系统, 适合中低速运动的场合。此款电缆适合在干燥、潮湿的室内使用。编织屏蔽层确保电缆不受电磁干扰影响。

## Special Characteristics

- ◆ Flexible, torsion-resistant
- ◆ Tensile strength, tear resistance, good oil resistance, abrasion resistance
- ◆ Anti-interference

Approvals and Standards: 

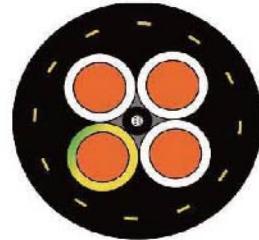
## Application

Widely used in towing systems with frequent bending and back-and-forth motions, suitable for low and medium-speed motions. This cable is suitable for use in dry and humid rooms. Tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# FESTOON-FD-PUR

PUR 型拖令电缆

Trailing Cable



## 产品结构

导线: 多股精绞无氧铜丝,

符合 VDE0295 CLASS 5 或 6 标准

绝缘: 特种高强度弹性体

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 优化的节距绞合成缆, 中心填充抗拉元件

内护套: 特种耐磨丁晴复合材料

加强层: 芳纶丝编织加强层

外护套: 特种耐磨耐油 PUR 外护套

护套颜色: 黑色 / 灰色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard

**Insulation:** TPU

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design, Center-filled tensile elements

**Inner Sheath:** Nitrile

**Strengthen:** High-strength aramid yarn braiding

**Sheath Material:** Special oil resistance, abrasion resistance pur

**Sheath Colors:** Black,gray

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设:-40℃至 +90℃

移动安装:-20℃至 +90℃

阻燃性: 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5×D (outer diameter)

**Movable Installation:** 10×D (outer diameter)

**Operating Temperature:**

**Fixed installation:** -40℃ to +90℃

**Movable installation:** -20℃ to +90℃

**Flame Resistance:** Complies with IEC60332-1

## 特性要求

- 特性: ◆ 高抗拉、抗扭、耐磨
- ◆ 优异的耐油性、耐寒性、耐腐蚀、耐候性

符合认证:

## 应用范围

广泛适用于适用于频繁弯曲和往返运动的拖令系统,适合高速运动的场合。

此款电缆适合在干燥、潮湿的室内使用。

## Special Characteristics

- ◆ Tensile strength,torsion-resistant,abrasion resistance
- ◆ Excellent oil resistance,cold resistance,corrosion resistance,weathering resistance

Approvals and Standards:

## Application

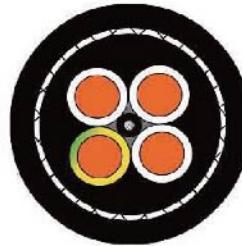
Widely used in towing systems with frequent bending and back-and-forth motions, suitable for low and medium-speed motions. This cable is suitable for use in dry and humid rooms.

拖令电缆

# FESTOON-FD-PUR-CY

PUR型屏蔽拖令电

PUR Shielded Trailing Cable



## 产品结构

导线: 多股精绞无氧铜丝,

符合 VDE0295 CLASS 5 或 6 标准

绝缘: 特种高强度弹性体

颜色代码: 彩色芯线或编码线, 符合 VDE0293

芯线成缆: 优化的节距绞合成缆, 中心填充抗拉元件

内护套: 特种耐磨丁腈复合材料

屏蔽层: 镀锡铜丝编织, 密度 80%

外护套: 特种耐磨耐油 PUR 外护套

护套颜色: 黑色 / 灰色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard

**Insulation:** TPU

**Wire Colors:**

Colored core wire or Coded wires in accordance with VDE0293

**Core Wire Structure:**

Special pitch and core stranding design, Center-filled tensile elements

**Inner Sheath:** Nitrile

**Shielding:** Tinned copper mesh woven shielding, density 80%

**Sheath Material:** Special oil resistance, abrasion resistance pur

**Sheath Colors:** Black, gray

## 技术参数

额定电压: U<sub>0</sub>/U 0.6/1KV

测试电压: 3500V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 10xD (电缆外径)

使用温度

固定敷设: -40°C 至 +90°C

移动安装: -20°C 至 +90°C

阻燃性: 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / 0.6 / 1KV

**Test Voltage:** 3500V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5xD (outer diameter)

**Movable Installation:** 10xD (outer diameter)

**Operating Temperature:**

**Fixed installation:** -40°C to +90°C

**Movable installation:** -20°C to +90°C

**Flame Resistance:** Complies with IEC60332-1

## 特性要求

特性: ◆ 高抗拉、抗扭、耐磨

- ◆ 优异的耐油性、耐寒性、耐腐蚀、耐候性
- ◆ 良好的抗电磁干扰性

符合认证: 



## 应用范围

广泛适用于适用于频繁弯曲和往返运动的拖令系统  
适合高速运动的场合。此款电缆适合在干燥、潮湿的  
室内使用。编织屏蔽层确保电缆不受电磁干扰影响。

## Special Characteristics

- ◆ Tensile strength, torsion-resistant, abrasion resistance
- ◆ Excellent oil resistance, cold resistance, corrosion resistance, weathering resistance
- ◆ Demonstrates good emc performance (anti-interference).

Approvals and Standards:



## Application

Widely used in towing systems with frequent bending and back-and-forth motions, suitable for low and medium-speed motions. This cable is suitable for use in dry and humid rooms. tinned copper wire shielding layer can effectively resist external electromagnetic interference.

# HXCRANE-YFFB 行车起重机扁电缆

Flat Cable For Cranes And Conveyors



## 产品结构

导线: 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5 或 6 标准  
绝缘: 特殊混合丁晴聚氯乙烯绝缘  
颜色代码: 符合 227IEC+EN50214  
芯线结构: 一字排列或梅花排列  
填充: 纤维芳纶纱或 PVC 条  
护套材料: 特殊混合丁晴聚氯乙烯护套  
护套颜色: 黑色 (RAL9005) 或灰色 (RAL7001)

## 技术说明

额定电压:  $U_0/U$  450/750V  
测试电压: 2500V  
最小弯曲半径  
固定敷设:  $8 \times D$  (电缆最小边)  
移动安装:  $10 \times D$  (电缆最小边)  
使用温度  
固定敷设: -25°C 至 +70°C  
移动安装: -15°C 至 +70°C  
阻燃性: 符合 IEC60332-1

## 产品特性

特性:

- ◆ 抗拉, 抗撕裂, 性能稳定
- ◆ 良好的耐油性, 耐磨性, 耐寒性, 耐候性
- ◆ 一字排列时: 自由使用长度不大于 35m  
运动速度不大于 1.6/S
- ◆ 梅花排列时: 自由使用长度不大于 80m  
运动速度不大于 4-10m/s

符合认证:

## 产品应用

扁平电缆做为动力电源连接及控制连接电缆, 广泛应用于有轨行车、台车、传输机械、起重天车和各种探伤设备, 也可作自承式井道或倾斜式货架的安装。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed nitrile PVC  
**Wire Colors:** Coded wires in accordance with 227IEC+EN50214  
**Core Wire Structure:** In line or plum flower arrangement  
**Filling:** Aramid filament or PVC  
**Sheath Material:** Special mixed nitrile PVC  
**Sheath Colors:** Black (RAL9005), Gray (RAL7001)

## Technical Specifications

**Rated Voltage:**  $U_0/U$  450/750V  
**Test Voltage:** 2500V  
**Minimum Bending Radius:**  
**Fixed installation:**  $8 \times D$  (outer diameter)  
**Movable Installation:**  $10 \times D$  (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -25°C to +70°C  
**Movable installation:** -15°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Tensile strength, tear resistance, stable performance
- ◆ Oil resistance, abrasion resistance, cold resistance, weathering resistance
- ◆ **In line arrangement:** Freedom use length less than 35m, moving speed less than 1.6/S
- ◆ **Plum flower arrangement:** Freedom use length less than 80m, moving speed is 4—10m/s

Approvals and Standards:

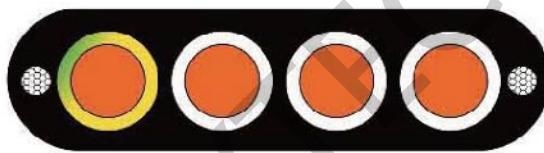
## Application

Flat cables are widely used as power supply connection and control connection cables for railroad cars, carts, transmission machinery, lifting overhead cranes and all kinds of detecting equipment, as well as for installation of self-supporting shafts or inclined shelves.

# HXCRANE-YFFBG

行车起重机扁电缆（带钢丝）

Flat Cable For Cranes And Conveyors (With Strength Steel Wire Rope)



## 产品结构

**导线:** 多股精绞无氧铜丝，  
符合 VDE0295 CLASS 5 或 6 标准  
**绝缘:** 特殊混合丁晴聚氯乙烯绝缘  
**颜色代码:** 符合 227IEC+EN50214  
**芯线结构:** 一字排列(带钢丝)或梅花排列(带钢丝)  
加强件镀锌软钢丝(自由悬挂超过 80 米时)  
或纤维芳纶纱(可选)  
**护套材料:** 特殊混合丁晴聚氯乙烯  
**护套颜色:** 黑色 (RAL9005) 或灰色 (RAL7001)

## 技术说明

**额定电压:** U<sub>0</sub>/U 450/750V  
**测试电压:** 2500V  
**最小弯曲半径:**  
**固定敷设:** 8xD (电缆最小边)  
**移动安装:** 10xD (电缆最小边)  
**使用温度:**  
**固定敷设:** -35°C 至 +70°C  
**移动安装:** -20°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 抗拉, 抗撕裂, 性能稳定
- ◆ 良好的耐油性, 耐磨性, 耐寒性, 耐候性
- ◆ 一字排列(带钢丝)时: 自由使用长度不大于 35m 运动速度不大于 1.6/S
- ◆ 梅花排列(带钢丝)时: 自由使用长度不大于 80m 运动速度不大于 4-10m/s

符合认证:  

## 产品应用

扁平电缆做为动力电源连接及控制连接电缆, 广泛应用于有轨行车、台车、传输机械、起重天车和各种探伤设备, 也可作自承式井道或倾斜式货架的安装。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed nitrile PVC  
**Wire Colors:** Coded wires in accordance with 227IEC+EN50214  
**Core Wire Structure:**  
In line or plum flower arrangement (with strength steel wire rope)  
**Strength:**  
Galvanized flexible steel wire(free hanging length over 80 metres) or fiber aramid yarn (choosable)  
**Sheath Material:** Special mixed nitrile PVC  
**Sheath Colors:** Black (RAL9005), Gray (RAL7001)

## Technical Specifications

**Rated Voltage:** U<sub>0</sub>/U 450/750V  
**Test Voltage:** 2500V  
**Minimum Bending Radius:**  
**Fixed installation:** 8xD (outer diameter)  
**Movable Installation:** 10xD (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -35°C to +70°C  
**Movable installation:** -20°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Tensile strength, tear resistance, stable performance
- ◆ Oil resistance, abrasion resistance, cold resistance, weathering resistance
- ◆ **In line arrangement:** Freedom use length less than 35m, moving speed less than 1.6/s
- ◆ **Plum flower arrangement:** Freedom use length less than 80m, moving speed is 4—10m/s

Approvals and Standards:  

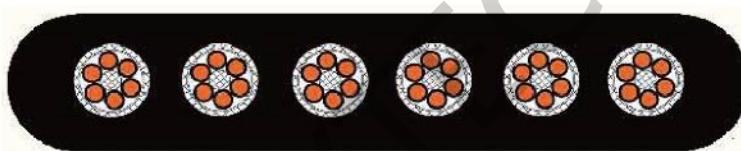
## Application

Flat cables are widely used as power supply connection and control connection cables for railroad cars, carts, transmission machinery, lifting overhead cranes and all kinds of detecting equipment, as well as for installation of self-supporting shafts or inclined shelves.

# HXCRANE-YFFBP

屏蔽型行车起重机扁电缆

Flat Cable For Cranes And Conveyors, shielded



## 产品结构

**导线:** 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5 或 6 标准  
**绝缘:** 特殊混合丁晴聚氯乙烯绝缘  
**颜色代码:** 符合 227IEC+EN50214  
**芯线结构:** 梅花排列  
**屏蔽:** 铜网屏蔽  
**护套材料:** 特殊混合丁晴聚氯乙烯护套  
**护套颜色:** 黑色 (RAL9005) 或 灰色 (RAL7001)

## 技术说明

**额定电压:** U<sub>0</sub>/U 450/750V  
**测试电压:** 2500V  
**最小弯曲半径:**  
固定敷设: 8xD (电缆最小边)  
移动安装: 10xD (电缆最小边)  
**使用温度:**  
固定敷设: -25°C 至 +70°C  
移动安装: -15°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 抗拉, 抗撕裂, 性能稳定
- ◆ 良好的耐油性, 耐磨性, 耐寒性, 耐候性
- ◆ 梅花排列(带钢丝)时: 自由使用长度不大于 80m 运动速度不大于 4-10m/s

符合认证:

## 产品应用

扁平电缆做为动力电源连接及控制连接电缆, 广泛应用于有轨行车、台车、传输机械、起重天车和各种探伤设备, 也可作自承式井道或倾斜式货架的安装。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed nitrile PVC  
**Wire Colors:** Coded wires in accordance with 227IEC+EN50214  
**Core Wire Structure:** Plum flower arrangement  
**Shield:** Copper wire mesh  
**Sheath Material:** Special mixed nitrile PVC  
**Sheath Colors:** Black (RAL9005), Gray (RAL7001)

## Technical Specifications

**Rated Voltage:** U<sub>0</sub>/U 450/750v  
**Test Voltage:** 2500V  
**Minimum Bending Radius:**  
Fixed installation: 8×D (outer diameter)  
Movable Installation: 10×D (outer diameter)  
**Operating Temperature:**  
Fixed installation: -25 °C to +70 °C  
Movable installation: -15 °C to +70 °C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Tensile strength, tear resistance, stable performance
- ◆ Oil resistance, abrasion resistance, cold resistance, weathering resistance
- ◆ **In line arrangement:** Freedom use length less than 35m, moving speed less than 1.6/s
- ◆ **Plum flower arrangement (with strength steel wire rope):** Freedom use length less than 80m, moving speed is 4—10m/s

Approvals and Standards:

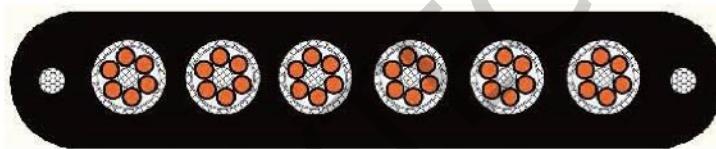
## Application

Flat cables are widely used as power supply connection and control connection cables for railroad cars, carts, transmission machinery, lifting overhead cranes and all kinds of detecting equipment, as well as for installation of self-supporting shafts or inclined shelves.

# HXCRANEYFFBPG

屏蔽型行车起重机扁电缆（带钢丝）

Flat Cable For Cranes And Conveyors, Shielded (Strengthen With Steel Wire Rope)



## 产品结构

**导线:** 多股精绞无氧铜丝，  
符合 VDE0295 CLASS 5 或 6 标准  
**绝缘:** 特殊混合丁晴聚氯乙烯绝缘  
**颜色代码:** 符合 227IEC+EN50214  
**芯线结构:** 梅花排列(带钢丝)  
**屏蔽:** 铜网屏蔽, 加强件镀锌软钢丝或纤维芳纶纱  
(可选)  
**护套材料:** 特殊混合丁晴聚氯乙烯护套  
**护套颜色:** 黑色 (RAL9005) 或灰色 (RAL7001)

## 技术说明

**额定电压:** U<sub>0</sub>/U 450/750V  
**测试电压:** 2500V  
**最小弯曲半径:**  
固定敷设: 8xD (电缆最小边)  
移动安装: 10xD (电缆最小边)  
**使用温度:**  
固定敷设: -35°C 至 +70°C  
移动安装: -20°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:**

- ◆ 抗拉, 抗撕裂, 性能稳定
- ◆ 良好的耐油性, 耐磨性, 耐寒性, 耐候性
- ◆ 梅花排列(带钢丝)时: 自由使用长度不大于 80m 运动速度不大于 4-10m/s

符合认证:

## 产品应用

扁平电缆做为动力电源连接及控制连接电缆, 广泛应用于有轨行车、台车、传输机械、起重天车和各种探伤设备, 也可作自承式井道或倾斜式货架的安装。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** Special mixed nitrile PVC  
**Wire Colors:** Coded wires in accordance with 227IEC+EN50214  
**Core Wire Structure:**  
Plum flower arrangement (strengthen with steel wire rope)  
**Shield:** Copper wire mesh  
**Sheath Material:** Special mixed nitrile PVC  
**Sheath Colors:** Black (RAL9005), Gray (RAL7001)

## Technical Specifications

**Rated Voltage:** U<sub>0</sub> / U 450/750V  
**Test Voltage:** 2500V  
**Minimum Bending Radius:**  
**Fixed installation:** 8×D (outer diameter)  
**Movable Installation:** 10×D (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -35°C to +70°C  
**Movable installation:** -20°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Tensile strength, tear resistance, stable performance
- ◆ Oil resistance, abrasion resistance, cold resistance, weathering resistance
- ◆ **Plum flower arrangement (with strength steel wire rope):**  
Freedom use length less than 80m, moving speed is 4—10m/s

Approvals and Standards:

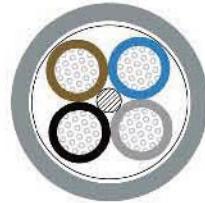
## Application

Flat cables are widely used as power supply connection and control connection cables for railroad cars, carts, transmission machinery, lifting overhead cranes and all kinds of detecting equipment, as well as for installation of self-supporting shafts or inclined shelves.



柔性 PVC 非屏蔽数据电缆

### LiYY Flexible PVC Non-Shielded Data Cable



#### 产品结构

**导线:** 多股细绞成束裸铜丝, 遵循 VDE 0812  
**绝缘:** PVC, YI2 符合 DIN VDE 0207 第4部分  
**颜色代码:** 符合 DIN VDE 47100 彩色编号芯线  
**芯线结构:** 分层  
**护套材料:** PVC, YM1 符合 DIN VDE0207 第5部分  
**护套颜色:** 灰色 (RAL7032), 也可定制其它颜色

#### 技术参数

**峰值工作电压:** <0.25mm<sup>2</sup>:350V  
                   ≥0.25mm<sup>2</sup>:500V  
**测试电压:** <0.25mm<sup>2</sup>:800V  
                   ≥0.25mm<sup>2</sup>:1200V  
**最小弯曲半径**  
**固定敷设:** 6xD  
**移动安装:** 10xD  
**使用温度**  
**固定敷设:** -30°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1  
**耐油性:** 轻浅机油、齿轮油、润滑油等

#### 特性要求

**特性:** ◆ 良好的柔軟性  
     ◆ 外径小, 重量轻  
     ◆ 良好的耐油腐蚀性能

符合认证:

#### 产品范围

广泛适用于计算机系统, 电子控制设备, 工业电子系统, 数据传输系统等场合的数据及信号传输。特别适合于干燥或者潮湿的室内工业环境。当外部有电磁干扰时推荐使用带屏蔽结构的LIYCY产品。

#### Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, following VDE0812  
**Insulation:** PVC y12, following din VDE0207 part four  
**Wire Colors:** Following din VDE47100 color number cores  
**Core Wire Structure:** Layered  
**Sheath Material:** PVC,ym1 following din VDE0207 part 5  
**Sheath Colors:** Gray (RAL7032), can also customize other color

#### Technical Specifications

**The Highest Operating Voltage:** <0.25m :350v  
                   ≥0.25m : 500v  
**Test Voltage:** <0.25m :800v  
                   ≥0.25m :1200v  
**Minimum Bending Radius:**  
**Fixed installation:** 6×d  
**Movable Installation:** 10×d  
**Operating Temperature:**  
**Fixed installation:** -30 °C to +70 °C  
**Movable installation:** -5 °C to +70 °C  
**Flame Resistance:** Complies with IEC60332-1  
**Oil Resistant:** Anti light oil, gear oil, lubricating oil etc

#### Special Characteristics

- ◆ Good flexibility
- ◆ Small outer diameter,light weight
- ◆ Oil resistance,corrosion resistance.

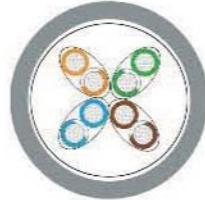
Approvals and Standards:

#### Application

Suitable for data and signal transmission in computer systems, electronic control equipment, industrial electronic systems, data transmission systems and other occasions. It is suitable for installation in dry or damp rooms. Shielded LiYY type is recommended when there is electromagnetic interference from outside.

# LiYY-TP 柔性 PVC 非屏蔽对绞数据电缆

Flexible PVC Non-shielded Pair Twist Data Cable



## 产品结构

**导线:** 多股细绞成束裸铜丝, 遵循 VDE 0812  
**绝缘:** PVC, Y12 符合 DIN VDE 0207 第4部分  
**颜色代码:** 符合 DIN VDE 47100 彩色编号芯线  
**芯线结构:** 芯线对绞后成缆  
**护套材料:** PVC, YM1 符合 DIN VDE0207 第5部分  
**护套颜色:** 灰色 (RAL7032), 也可定制其它颜色

## 技术参数

**峰值工作电压:** <0.25mm<sup>2</sup>:350V  
 ≥0.25mm<sup>2</sup>:500V  
**测试电压:** <0.25mm<sup>2</sup>:800V  
 ≥0.25mm<sup>2</sup>:1200V  
**最小弯曲半径**  
**固定敷设:** 5xD  
**移动安装:** 10xD  
**使用温度**  
**固定敷设:** -30°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1  
**耐油性:** 轻浅机油、齿轮油、润滑油等

## 特性要求

**特性:**

- ◆ 良好的柔软性
- ◆ 外径小, 重量轻
- ◆ 良好的耐油腐蚀性能

符合认证:

## 应用范围

广泛适用于计算机系统, 电子控制设备, 工业电子系统, 数据传输系统等场合的数据及信号传输。特别适合于干燥或者潮湿的室内工业环境。当外部有电磁干扰时推荐使用带屏蔽结构的LIYY-TP 产品。

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, following VDE0812  
**Insulation:** PVC Y12, Following Din VDE0207 Part Four  
**Wire Colors:** Following DIN VDE47100 color number cores  
**Core Wire Structure:** Pair twist layered  
**Sheath Material:** PVC, YM1 following din VDE0207 part 5  
**Sheath Colors:** Gray (RAL7032), can also customize other color

## Technical Specifications

**The Highest Operating Voltage:** <0.25m :350v  
 ≥0.25m : 500v  
**Test Voltage:** <0.25m :800v  
 ≥0.25m :1200v  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD  
**Movable Installation:** 10xD  
**Operating Temperature:**  
**Fixed installation:** -30 °C to +70 °C  
**Movable installation:** -5 °C to +70 °C  
**Flame Resistance:** Complies with IEC60332-1  
**Oil Resistant:** Anti light oil, gear oil, lubricating oil etc

## Special Characteristics

- ◆ Good flexibility
- ◆ Small outer diameter, light weight
- ◆ Oil resistance, corrosion resistance.

Approvals and Standards:

## Application

Suitable for data and signal transmission in computer systems, electronic control equipment, industrial electronic systems, data transmission systems and other occasions. It is suitable for installation in dry or damp rooms. Shielded LiYY-TP type is recommended when there is electromagnetic interference from outside.



柔性 PVC 屏蔽数据电缆

Flexible PVC Shielded Data Cable



### 产品结构

导线: 多股细绞成束裸铜丝, 遵循 VDE 0812  
 绝缘: PVC, YI2 符合 DIN VDE 0207 第4部分  
 颜色代码: 符合 DIN VDE 47100 彩色编号芯线  
 芯线结构: 分层  
 屏蔽: 镀锡铜丝编织  
 护套材料: PVC, YM1 符合 DIN VDE0207 第5部分  
 护套颜色: 灰色 (RAL7032), 也可定制其它颜色

### 技术参数

峰值工作电压: <0.25mm<sup>2</sup>:350V  
 ≥0.25mm<sup>2</sup>:500V  
 测试电压: <0.25mm<sup>2</sup>:800V  
 ≥0.25mm<sup>2</sup>:1200V  
 最小弯曲半径  
 固定敷设: 5xD  
 移动安装: 10xD  
 使用温度  
 固定敷设: -30°C 至 +70°C  
 移动安装: -5°C 至 +70°C  
 阻燃性: 符合 IEC60332-1  
 耐油性: 轻浅机油、齿轮油、润滑油等

### 特性要求

特性: ◆ 良好的柔軟性  
 ◆ 优异的抗电磁干扰性能  
 ◆ 良好的耐油腐蚀性能

符合认证:

### 应用范围

广泛适用于计算机系统, 电子控制设备, 工业电子系统, 数据传输系统等场合的数据及信号传输。特别适合于干燥或者潮湿的室内工业环境。镀锡铜丝编织屏蔽使该产品具有优异的抗电磁干扰能力, 保证信号的稳定传输。

### Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, following VDE0812  
**Insulation:** PVC y12, following din VDE0207 part four  
**Wire Colors:** Following din VDE47100 color number cores  
**Core Wire Structure:** Layered  
**Shielding:** tinned copper mesh woven shielding  
**Sheath Material:** PVC, YM1 following din VDE0207 part 5  
**Sheath Colors:** Gray (RAL7032), can also customize other color

### Technical Specifications

**The Highest Operating Voltage:** <0.25m : 350v  
 ≥0.25m : 500v  
**Test Voltage:** <0.25m : 800v  
 ≥0.25m : 1200v  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD  
**Movable Installation:** 10xD  
**Operating Temperature:**  
**Fixed installation:** -30°C to +70°C  
**Movable installation:** -5°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1  
**Oil Resistant:** Anti light oil, gear oil, lubricating oil etc

### Special Characteristics

- ◆ Good flexibility
- ◆ Excellent anti-electromagnetic interference performance
- ◆ Oil resistance, corrosion resistance.

Approvals and Standards:

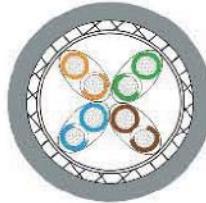
### Application

Suitable for data and signal transmission in computer systems, electronic control equipment, industrial electronic systems, data transmission systems and other occasions. It is suitable for installation in dry or damp rooms. Tinned copper wire shielding layer can effectively resist external electromagnetic interference, ensure stable signal transmission.

# LiYCY-TP

柔性 PVC 屏蔽对绞数据电缆

Flexible PVC Shielded Pair Twist Data Cable



## 产品结构

导线: 多股细绞成束裸铜丝, 遵循 VDE 0812  
 绝缘: PVC, Y12 符合 DIN VDE 0207 第4部分  
 颜色代码: 符合 DIN VDE 47100 彩色编号芯线  
 芯线结构: 芯线对绞后成缆  
 屏蔽: 镀锡铜丝编织  
 护套材料: PVC, YM1 符合 DIN VDE0207 第5部分  
 护套颜色: 灰色 (RAL7032), 也可定制其它颜色

## 技术参数

峰值工作电压: <0.25mm<sup>2</sup>:350V  
 ≥0.25mm<sup>2</sup>:500V  
 测试电压: <0.25mm<sup>2</sup>:800V  
 ≥0.25mm<sup>2</sup>:1200V  
 最小弯曲半径  
 固定敷设: 5xD  
 移动安装: 10xD  
 使用温度  
 固定敷设: -30°C 至 +70°C  
 移动安装: -5°C 至 +70°C  
 阻燃性: 符合 IEC60332-1  
 耐油性: 轻浅机油、齿轮油、润滑油等

## 特性要求

特性: ◆ 良好的柔軟性  
 ◆ 优异的抗电磁干扰性能  
 ◆ 良好的耐油腐蚀性能

符合认证:

## 应用范围

广泛适用于计算机系统, 电子控制设备, 工业电子系统, 数据传输系统等场合的数据及信号传输。特别适合于干燥或者潮湿的室内工业环境。镀锡铜丝编织屏蔽使该产品具有优异的抗电磁干扰能力, 保证信号的稳定传输。

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, following VDE0812  
**Insulation:** PVC Y12, Following Din VDE0207 Part Four  
**Wire Colors:** Following DIN VDE47100 color number cores  
**Core Wire Structure:** Pair twist layered  
**Shielding:** Tinned copper wire braided shield  
**Sheath Material:** PVC, YM1 following din VDE0207 part 5  
**Sheath Colors:** Gray (RAL7032), can also customize other color

## Technical Specifications

**The Highest Operating Voltage:** <0.25m : 350v  
 ≥0.25m : 500v

**Test Voltage:** <0.25m : 800v  
 ≥0.25m : 1200v

**Minimum Bending Radius:**

**Fixed installation:** 5xD

**Movable Installation:** 10xD

**Operating Temperature:**

**Fixed installation:** -30°C to +70°C

**Movable installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

**Oil Resistant:** Anti light oil, gear oil, lubricating oil etc

## Special Characteristics

- ◆ Good flexibility
- ◆ Excellent anti-electromagnetic interference performance
- ◆ Oil resistance, corrosion resistance.

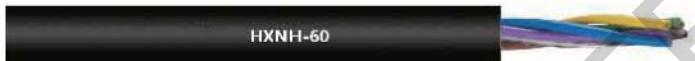
Approvals and Standards:

## Application

Suitable for data and signal transmission in computer systems, electronic control equipment, industrial electronic systems, data transmission systems and other occasions. It is suitable for installation in dry or damp rooms. Tinned copper wire shielding layer can effectively resist external electromagnetic interference, ensure stable signal transmission.

# HXNH-60 耐寒电缆

Cold Resistance Cable



## 产品结构

导线: 多股精绞无氧铜丝,

符合 VDE0295 CLASS 5 标准

绝缘: 特种耐低温弹性体

颜色代码: 彩色芯线(或数字编码), 符合 DIN47100

芯线结构: 芯线分层绞合成缆, 间隙填充圆整

护套材料: 特种耐低温弹性体

护套颜色: 黑色或灰色

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, according to VDE0295 class 5 standard

**Insulation:** Special cold resistance elastomer

**Wire Colors:** Following din VDE47100 color number cores

**Core Wire Structure:** Layered, Gap filling rounding

**Sheath Material:** Special cold resistance elastomer

**Sheath Colors:** Black or Gray

## 技术参数

额定电压: 300/500V

测试电压: 2000V

绝缘电阻: >20 Gohm x cm

最小弯曲半径

固定敷设: 5xD (电缆外径)

移动安装: 7.5xD (电缆外径)

使用温度: -60°C 至 +120°C

阳燃性: 符合 IEC60332-1

参考标准: GB/T 5023

## Technical Specifications

**Rated Voltage:** 300/500V

**Test Voltage:** 2000V

**Insulation Resistance:** 20 GΩ x cm

**Minimum Bending Radius:**

**Fixed installation:** 5×d (outer diameter)

**Movable Installation:** 7.5×D (outer diameter)

**Operating Temperature:** -60°C to +120°C

**Flame Resistance:** Complies with IEC60332-1

**Standard:** GB/T 5023

## 产品特性

特性: ◆ 耐低温

◆ 优异的柔软性

◆ 良好的耐油性、耐磨性

符合认证:

## Special Characteristics

- ◆ Low temperature resistance
- ◆ Good flexibility
- ◆ Good oil resistance, abrasion resistance

Approvals and Standards:

## Application

It is widely used in installations in low-temperature environments, remaining flexible and crack-free even at temperatures as low as -60°C. It is suitable for connections in electrical control systems of 450/750V and below.

## 产品应用

广泛应用于低温环境下的安装, 在低温-60°C环境下, 仍可保持柔软而不开裂, 适用于 450/750V 及以下电气控制系统的连接。

# HXGW-180 耐高温电缆

Heat Resistance Cable



## 产品结构

导线: 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5 标准  
绝缘: 硅橡胶绝缘  
颜色代码: 彩色芯线(或数字编码), 符合 DIN47100  
芯线结构: 芯线分层绞合而成, 间隙填充圆整  
护套材料: 硅橡胶护套  
护套颜色: 红色 / 蓝色

## 技术参数

额定电压: 300/500V  
测试电压: 2000V  
绝缘电阻: >20 Gohm x cm  
最小弯曲半径  
固定敷设: 5xD (电缆外径)  
移动安装: 10xD (电缆外径)  
使用温度: -50°C 至 +180°C  
阳燃性: 符合 IEC60332-1  
参考标准: GB/T 5013

## 产品特性

特性:

- ◆ 耐低温
- ◆ 异常的柔软性、可弯曲性
- ◆ 异常的耐磨性

符合认证:

## 产品应用

广泛应用于高低温环境下的安装, 特别是在+180°C  
环境下, 仍可保持长正常运行, 适用于冶金、钢铁厂、  
水泥厂、铸造厂、玻璃制造等工业场所。

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, according to VDE0295 class 5 standard  
**Insulation:** Silastic  
**Wire Colors:** Following din VDE47100 color number cores  
**Core Wire Structure:** Layered, gap filling rounding  
**Sheath Material:** Silicone Rubber  
**Sheath Colors:** Red, Blue

## Technical Specifications

**Rated Voltage:** 300/500V  
**Test Voltage:** 2000V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×D (outer diameter)  
**Movable Installation:** 10×D (outer diameter)  
**Operating Temperature:** -50°C to +180°C  
**Flame Resistance:** Complies with IEC60332-1  
**Standard:** GB/T 5013

## Special Characteristics

- ◆ Low temperature resistance
- ◆ Good flexibility, bendable
- ◆ Abrasion resistance

Approvals and Standards:

## Application

Widely used in the installation of high and low temperature environment, especially in the +180°C environment, can still maintain a long normal operation, applicable to metallurgy, iron and steel mills, cement plants, foundries, glass manufacturing and other industrial places.

# HXTM-CY

透明屏蔽电缆  
Transparent Shielded Cable



## 产品结构

**导线:** 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5 标准  
**绝缘:** 特殊改性 PVC 绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 芯线分层绞合成缆, 间隙填充圆整  
**内护套:** 特殊改性 PVC 内护套  
**屏蔽:** 镀锡铜丝编织, 密度 85%  
**护套材料:** 抗氧化外护套  
**护套颜色:** 透明

## 技术参数

**额定电压:** 300/500V  
**测试电压:** 2000V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 7.5xD (电缆外径)  
**使用温度:**  
**固定敷设:** -25°C 至 +70°C  
**移动安装:** -5°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1

## 产品特性

**特性:** ◆ 优异的抗电磁干扰性  
◆ 良好的柔软性  
◆ 良好的耐油性、耐磨性

符合认证:

## 产品应用

适用于干燥或潮湿的环境中, 但不能再露天使用。在控制、测量和信号技术中, 它们被用作信号终端和连接线。镀锡铜丝编织屏蔽耐油耐腐蚀和防止外界的电磁干扰, 如电磁场和杂散频率。在工业厂房、机械、工作流程控制和检查系统中用作信号和脉冲电流。

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, according to VDE0295 class 5 standard  
**Insulation:** Special PVC  
**Wire Colors:** Following din VDE47100 color number cores  
**Core Wire Structure:** Layered, gap filling rounding  
**Inner Sheath:** Special PVC  
**Shielding:** tinned copper mesh woven shielding, density 85%  
**Sheath Material:** Antioxidant sheath  
**Sheath colors:** Transparent

## Technical Specifications

**Rated Voltage:** 300/500V  
**Test Voltage:** 2000V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5xD (outer diameter)  
**Movable Installation:** 7.5xD (outer diameter)  
**Operating Temperature:**  
**Fixed installation:** -25°C to +70°C  
**Movable installation:** -5°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Demonstrates good EMC performance (anti-interference).
- ◆ Good flexibility
- ◆ Good oil resistance, abrasion resistance

Approvals and Standards:

## Application

Suitable for use in dry or wet environments, but can no longer be used in the open air. In control, measurement and signaling technology, they are used as signal terminals and connection lines. The tinned copper wire braiding shielding is resistant to oil and corrosion and to external electromagnetic interference such as electromagnetic fields and stray frequencies. They are used as signal and pulse current in industrial plants, machinery, workflow control and inspection systems.

# HXCRANE-YR

自承式钢索电缆

Round Cable With Supporting Steel Wires



## 产品结构

**导线:** 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5 标准  
**绝缘:** 特种 PVC 绝缘  
**颜色代码:** 彩色芯线(或数字编码), 符合 DIN47100  
**芯线结构:** 芯线分层绞合成缆, 间隙填充圆整  
**抗拉元件:** 镀锌绞合软钢丝  
**护套材料:** 特殊改性 PVC 护套  
**护套颜色:** 黑色

## 技术参数

**额定电压:** 300/500V  
**测试电压:** 2000V  
**绝缘电阻:** >20 Gohm x cm  
**最小弯曲半径:**  
**固定敷设:** 5xD (电缆外径)  
**移动安装:** 10xD (电缆外径)  
**使用温度:** -20°C 至 +70°C  
**阻燃性:** 符合 IEC60332-1  
**参考标准:** DIN VDE 0281-3

## 产品特性

**特性:**

- ◆ 高抗拉、耐磨
- ◆ 良好的柔软性、可弯曲性
- ◆ 良好的耐油性

符合认证:  

## 产品应用

广泛适用于 450/750V 及以下的行车、台车、传输机械、起重天车电动葫芦等移动电器的电气控制系统的连接。

## Product Structure

**Conductor:** Multi-stranded fine stranded bare copper wire, according to VDE0295 class 5 standard  
**Insulation:** Special PVC  
**Wire Colors:** Following din VDE47100 color number cores  
**Core Wire Structure:** Layered, gap filling rounding  
**Strength:** Galvanized stranded soft steel wire  
**Sheath Material:** Special PVC  
**Sheath Colors:** Black

## Technical Specifications

**Rated Voltage:** 300/500V  
**Test Voltage:** 2000V  
**Insulation Resistance:** 20 GΩ x cm  
**Minimum Bending Radius:**  
**Fixed installation:** 5×d (outer diameter)  
**Movable Installation:** 10×d (outer diameter)  
**Operating Temperature:** -20°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1  
**Standard:** Din VDE0281-3

## Special Characteristics

- ◆ Tensile strength, abrasion resistance
- ◆ Good flexibility, bendable
- ◆ Good oil resistance

Approvals and Standards:  

## Application

Widely used in 450/750V and below traveling crane, cart, transmission machinery, lifting crane electric hoist and other mobile electrical appliances of the electrical control system connection.

# SPIRAL-PVC

经济型螺旋电缆

Economical Spiral Cable



## 产品结构

导线: 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5

绝缘: 特种聚氯乙烯绝缘

颜色代码: 彩色芯线, 符合 DIN47100

包带: 特殊无纺布包裹缓冲

外护套: 丁晴 PVC 混合物

护套颜色: 黑色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire,  
according to VDE0295 class 6 standard

**Insulation:** Special PVC

**Wire Colors:** Colored core wire ("Digitally coded") to din 47100

**Wrapping tape :** Special non-woven wrap cushioning

**Sheath Material:** Special mixed nitrile PVC

**Sheath Colors:** Black

## Technical Specifications

**Rated Voltage:** 0.75-1.0mm<sup>2</sup> 300/500V  
≥1.5mm<sup>2</sup> 450/750V

**Test Voltage:** 3000V

**Insulation Resistance:** 20 GΩ x cm

**Operating Temperature:**

**Fixed installation:** -5°C to +70°C

**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ low cost
- ◆ Low mechanical
- ◆ Medium elasticity

Approvals and Standards:



## Application

PVC spiral cable has the advantage of low cost, mainly used in indoor lighting, mobile equipment, power, communication, power tools and other occasions for the general requirements of flexibility.

## 特性要求

特性: ◆ 低成本  
◆ 低机械性  
◆ 中等弹力

符合认证:

## 应用范围

PVC 型螺旋电缆具有低成本优势, 主要应用于室内照明, 移动设备的电力、通信, 电动工具等对于弹性要求一般的场合。可连接各类连接器。

# SPIRAL-PUR

PUR 型螺旋电缆

PUR Spiral Cable



## 产品结构

导线: 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5  
绝缘: PVC 或 PE 绝缘  
颜色代码: 彩色芯线, 符合 DIN47100  
包带: 特殊无纺布包裹缓冲  
外护套: 优质进口聚氨酯  
护套颜色: 黑色

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 6 standard  
**Insulation:** PVC or PE  
**Wire Colors:** Colored core wire to DIN 47100  
**Wrapping Tape:** Special non-woven Wrap cushioning  
**Sheath Material:** High quality imported PU  
**Sheath Colors:** Black

## 技术参数

额定电压: 0.75-1.0mm<sup>2</sup> 300/500V  
 1.5mm<sup>2</sup> 以上 450/750V  
 测试电压: 3000V  
 绝缘电阻: >20 Gohm x cm  
 使用温度:  
 固定安装: -20°C 至 +70°C  
 阻燃性: 符合 IEC60332-1

## Technical Specifications

**Rated Voltage:** 0.75-1.0mm<sup>2</sup> 300/500V  
 $\geq 1.5\text{mm}^2$  450/750V  
**Test Voltage:** 3000V  
**Insulation Resistance:** 20 GΩ x cm  
**Operating Temperature:**  
**Fixed installation:** -20°C to +70°C  
**Flame Resistance:** Complies with IEC60332-1

## 特性要求

特性: ◆ 最多可伸长到螺旋长度的 5 倍  
 ◆ 高弹性、高恢复力  
 ◆ 良好的耐油性, 耐磨性, 耐低温, 耐候性

符合认证: 

## Special Characteristics

- ◆ Maximum stretch length is the 5 times of the coil length
- ◆ High elasticity, high resilience
- ◆ Good oil resistance, abrasion resistance, cold resistance, weatherability

Approvals and Standards: 

## 应用范围

广泛应用于机械工程、建筑工业、计算机、电子设备、安插件、医疗设备、装卸设备等需要来回, 上下移动的装配电路汇总接线。可连接各类连接器。

## Application

Widely used in mechanical engineering, construction industry, computers, electronic equipment and plug-ins, medical equipment, assembly equipment, etc. Need to go back and forth, up and down to move the assembly circuit summary wiring.

# SPIRAL-GTPUR

高弹性耐候型螺旋电缆

High Resilience, Weathering Resistance Spiral Cable



## 产品结构

导线: 多股精绞无氧铜丝,  
符合 VDE0295 CLASS 5  
绝缘: PVC 或 PE 绝缘  
颜色代码: 彩色芯线, 符合 DIN47100  
包带: 特殊无纺布包裹缓冲  
外护套: 优质进口聚醚型聚氨酯  
护套颜色: 黑色

## 技术参数

额定电压: 0.75-1.0mm<sup>2</sup> 300/500V  
1.5mm<sup>2</sup> 以上 450/750V  
测试电压: 3000V  
绝缘电阻: >20 Gohm x cm  
使用温度:  
固定安装: -25°C 至 +80°C  
阻燃性: 符合 IEC60332-1

## 特性要求

特性:

- ◆ 可伸长到螺旋长度的 5 倍
- ◆ 优异的柔韧性和高回弹力
- ◆ 优异的耐水解, 耐微生物, 耐寒, 耐候性

符合认证:



## 应用范围

适用于机械制造、建筑行业、电动工具等场合, 在应用的大多数领域尤其要求耐水解、耐微生物、耐寒、耐候性等恶劣条件的环境是最优的解决方案。

## Product Structure

**Conductor:** Fine strands of oxygen-free copper wire, according to VDE0295 class 5 standard  
**Insulation:** PVC or PE  
**Wire Colors:** Colored core wire to din 47100  
**Wrapping Tape:** Special non-woven wrap cushioning  
**Sheath Material:** High quality imported Polyether polyurethane  
**Sheath Colors:** Black

## Technical Specifications

**Rated Voltage:** 0.75-1.0mm<sup>2</sup> 300/500V  
≥1.5mm<sup>2</sup> 450/750V  
**Test Voltage:** 3000V  
**Insulation Resistance:** 20 GΩ x cm  
**Operating Temperature:**  
**Fixed installation:** -25°C to +80°C  
**Flame Resistance:** Complies with IEC60332-1

## Special Characteristics

- ◆ Maximum stretch length is the 5 times of the coil length
- ◆ Excellent flexibility, high resilience
- ◆ Excellent resistance to hydrolysis, microorganisms, cold, and weather.

Approvals and Standards:



## Application

Suitable for machinery manufacturing, construction industry, power tools and other occasions, in most areas of application, especially require resistance to hydrolysis, microorganisms, cold, weather resistance and other harsh conditions of the environment is the optimal solution.

## Cables with Connectors



## Cables with Connectors



3.5mm一分二音频线  
3.5mm SPLITTER



3.5mm一分二音频线  
3.5mm SPLITTER



3.5mm一分四音频线  
3.5mm SPLITTER



3.5mm 30Pin音频线  
3.5mm TO 30PIN



3.5mm公对6.35母  
3.5mm MALE TO 6.35 FEMALE



6.35mm两级公头  
6.35mm MALE



6.35mm三级弯头  
6.35mm RIGHT ANGLE



6.35mm三级弯头  
3.5mm RIGHT ANGLE



6.35两级对RCA  
6.35 TO RCA



6.35一分二音频线  
6.35 SPLITTER



6.35mm立体声对RCA  
6.35 RIGHT ANGLE TO RCA



6.35mm弯头  
6.35mm RIGHT ANGLE

## Cables with Connectors



6.35两级弯头对RCA  
6.35 RIGHT ANGLE TO RCA



DB25对6.35弯头  
DB25 TO 6.35RIGHT ANGLE



6.35mm弯头 扁线  
6.35 FLAT CABLE



6.35mm弯头 扁线  
6.35 FLAT CABLE



6.35mm弯头扁线  
6.35 FLAT CABLE



6.35mm公对公  
6.35mm MALE TO MALE



6.35mm公对公  
6.35mm MALE TO MALE



6.35mm电吉他线  
6.35 ELETRIC GUITAR CABLE



6.35mm电吉他线  
6.35 ELETRIC GUITAR CABLE



3.5mm弯头公对RCA公  
3.5mm TORCA



RCA母对母  
RCA FEMALE TO FEMALE



3.5mm公对RCA  
3.5mm TO RCA

## Cables with Connectors



## Cables with Connectors



## Cables with Connectors



BNC公对母延长线  
BNC MALE TO FEMALE



TV对F头  
TV TO F



BNC公对PH2.0  
BNC MALE TO PH2.0



BNC+RJ45监控线  
BNC+RJ45 CABLE



F头对镀锡  
F TO WIRE



F头公对公  
F MALE TO MALE



F头公对母  
F MALE TO FEMALE



F头公对公  
F MALE TO MALE



MINI DIN 4P公对母  
MINI DIN 4P MALE TO FEMALE



MINIDIN5P公对公  
MINI DIN 5P MALE TO MALE



MINIDIN9P公头线  
MINI DIN 9P MALE



MINI DIN 9P公对公  
MINI DIN 9P MALE TO MALE

## Cables with Connectors



## Cables with Connectors



DIN 6P公头线  
DIN 6P MALE



DIN 6P公对公  
DIN 6P MALE TO MALE



DIN 6P公对母  
DIN 6P MALE TO FEMALE



DIN 6P母头线  
DIN 6P FEMALE



DIN 7P公对公  
DIN 7P MALE TO MALE



DIN 7P公头线  
DIN 7P MALE



DIN 8P 公对公  
DIN 8P MALE TO MALE



DIN 8P公对母  
DIN 8P MALE TO FEMALE



DIN 8P对3RCA  
DIN 8P TO 3RCA



DIN 8P对4RCA  
DIN 8P TO 4RCA



DIN 8P麦克风线  
DIN MICROPHONE CABLE



DIN 13P公头线  
DIN 13P MALE

## Cables with Connectors



## Cables with Connectors



DC5521弯头延长线  
DC5521 EXTENSION CABLE



DC5521弹簧线  
DC5521 SPRING CABLE



DC5525弯头延长线  
DC5525 EXTENSION CABLE



DC5525弯头电源线  
DC5525 RIGHT ANGLE CABLE



DC5521对9V电池扣  
DC5521 TO 9V CONN



DC5521对DC3.5mm  
DC5521 TO DC3.5mm



DC5521对micro弯头  
DC5521 TO MICRO RIGHT ANGLE



DC5525弯头线  
DC5525 RIGHT ANGLE



DC5521弯头线  
DC5521 RIGHT ANGLE



DC5521弯头线  
DC5521 RIGHT ANGLE



DC4017弯头对USB  
DC4017 RIGHT ANGLE TO USB



DC5525延长线  
DC5525 EXTENSION CABLE

## Cables with Connectors



## Cables with Connectors



DC5517对USB母  
DC5517 TO USB FEMALE



DC6330对USB  
DC6330 TO USB MALE



DC35135对USB充电线  
DC35135 TO USB MALE



DC5521对Type-C电源线  
DC5521 TO Type-C CABLE



DC5525对6.35两级  
DC5525 TO 6.35 MALE



DC5525对汽车点烟器  
DC5525 TO CAR CHARGER



汽车点烟器充电线  
CAR CHARGER CABLE



DE点烟器转SAE  
SAE TO DE CAR CIGARETTE LIGHTER



US点烟器转DC5521  
US CAR CIGARETTE LIGHTER TO DC5521



DC5521电源线带开关  
DC5521 CABLE WITH SW



DC5521电源线  
DC5521 POWER CABLE



DC35135母头线  
DC35135 FEMALE

## Cables with Connectors



DC5525母对插簧端子  
DC5525 FEMALE TO TERMINALS



DC5525母头线  
DC5525 FEMALE



DC5525对太阳能插头线  
DC5525 TO MC4CONN



DC5521对DIN4P  
DC5521 TO DIN4P FEMALE



DC5525母对DIN3P公  
DC5525 FEMALE TO DIN3P MALE



DC5525母对DC7450公  
DC5525 FEMALE TO DC7450 MALE



DC5521对SY60  
DC5521 TO SY5



EC5电池线  
EC5 BATTERY WIRE



EC5充电线  
EC5 CHARGER CABLE



SY60电池充电线  
SY60 BATTERY WIRE



XT60 锂电池线  
XT60 BATTERY WIRE



DC4017一分二电源线  
DC4017 SPLITTER

## Cables with Connectors



DC5525一分二电源线  
DC5525 SPLITTER



DC35135弯头一分  
DC35135 SPLITTER



DC35135一分四电源线  
DC35135 SPLITTER



DIN 4P母对DC一分四  
DIN 4P DC SPLITTER



DC5521一分五电源线  
DC5521 SPLITTER



DC5521一分六电源线  
DC5521 1 TO 6



DC5521一分八电源  
DC5521 1TO8



DC5525一分十电源线  
DC5525 1TO 10



DC5521一分五电源线  
DC5521 1 TO 5



DIN 4P母头电源线  
DIN 4PFEMALECABLE



DIN 3P公头电源线  
DIN 3PPOWERCABLE



DIN 3P电源线带SR  
DIN 3P CABLEWITHSR

## Cables with Connectors



## Cables with Connectors



M12 7P公母防水线  
M12 7P WATERPROOF CABLE



M12 5P母头防水线  
M12 5P WATERPROOF CABLE



M12 5P对XT60电源线  
M12 5P TO XT60



M8防水线  
M8 WATERPROOF CABLE



M16防水线一分二  
M16 WATERPROOF CABLE



M16 4P防水线  
M16 4P WATERPROOF CABLE



M16防水线  
M16 WATERPROOF CABLE



M12防水线  
M12 WATERPROOF CABLE



M12防水线一分八  
M12 SPLITTER



GX20航空电源线  
PANEL MOUNT GX20 CABLE



GX20航空插头电源线  
GX20 M TO F POWER CABLE



M12公对母防啮电源线  
M12 M TO F ANTI-RODENT-PROOF CABLE

## Cables with Connectors



## Cables with Connectors



USB弯头对Micro  
USB A TO Micro



USB弯头对MINI USB  
USB TO MINI USB



USB弯头对Type-C  
USB TO Type-C



USB A公对Micro上下弯  
USB TO Micro U/D



USB A公对Micro左右弯  
USB TO Micro L/R



USB上下弯对Micro上下弯  
USB U/D TO Micro U/D



USB公头线  
USB CABLE



USB弯头电源线  
USB FLAT CABLE



USB对Micro一分  
USB SPLITTER



USB对MINI USB一分四  
USB SPLITTER



USB对Micro线  
USB TO Micro CABLE



Micro USB充电线  
USB CHARGER CABLE

## Cables with Connectors



## Cables with Connectors



USB线固定式  
USB MALE CABLE



USB 3.0数据线+电源  
USB 3.0 CABLE



USB 3.0数据线  
USB 3.0 CABLE



USB 3.0打印机线  
USB 3.0 PRINTER CABLE



医疗线  
MEDICAL CABLE



医疗线  
MEDICAL CABLE



医疗线  
MEDICAL CABLE



电极扣线  
ECG CABLE



电极扣线  
ECG CABLE



电极扣线  
ECG CABLE



电极扣线  
ECG CABLE



电极扣线  
ECG CABLE

## Cables with Connectors



## Cables with Connectors



## Cables with Connectors



## Cables with Connectors



电极扣线  
ECG CABLE



医疗线  
MEDICAL CABLE



医疗线  
MEDICAL CABLE



理疗线  
TENS LEAD WIRE



DB9母头线  
DB9 FEMALE CABLE



HD15线  
DB15 CABLE



DB9串口线  
DB9 FEMALE CABLE



串口线公对公  
DB9 MALE TO MALE



串口延长线  
DB9 EXTENSION CABLE



串口线母对母  
DB9 FEMALE TO FEMALE



RJ45对DB9母  
RJ45 TO DB9



DB9母对OBD  
DB9 TO OBD

## Cables with Connectors



## The world Plug drawing: 国际插头概况简图 (仅供参考)

代号 Configuration Code	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
简图 Configuration Diagram					
主要采用国家 Type of power Supply	中国 美国 日本 China U.S.A Japan	美国 日本 U.S.A Japan	欧洲 Europe	欧洲 韩国 Europe Korea	欧洲 韩国 Europe Korea

代号 Configuration Code	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
简图 Configuration Diagram					
主要采用国家 Type of power Supply	丹麦 Denmark	瑞士 巴西 Switzerland Brazil	意大利 Italy	南非 印度 S. Africa India	英国 香港 新加坡 Britain HongKong

代号 Configuration Code	<b>K</b>	<b>L</b>	<b>M</b>		
简图 Configuration Diagram					
主要采用国家 Type of power Supply	澳大利亚 阿根廷 Australia Argentimga	中国 澳大利亚 China Australia	以色列 Israel		

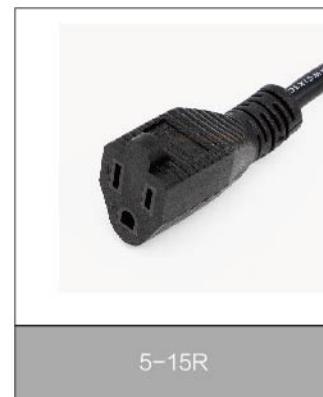
## POWER CORDS



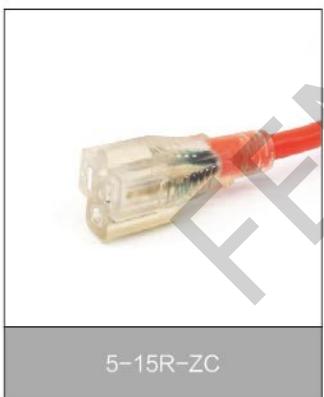
5-15P



5-15P-B



5-15R



5-15R-ZC



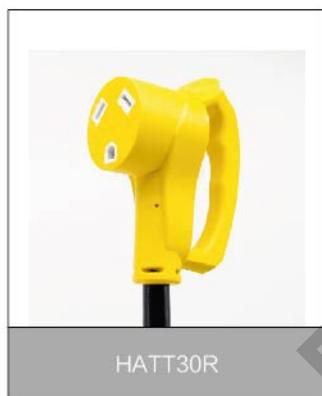
5-15R-3A



5-15R-3B



HATT30P



HATT30R



H6-50P



H6-50R



1-15P



1-15R

## POWER CORDS



6-15P-A



5-20P



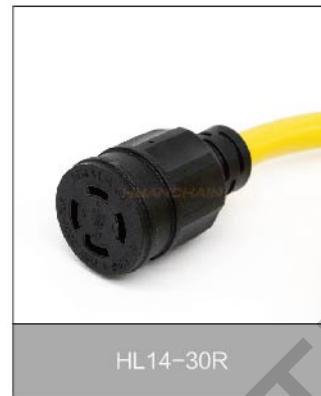
5-15P



6-20P



HL14-30P



HL14-30R



HL5-30P



HL5-30R



HA14-50P



HA14-50R



H1430P-A



H1430R-A

## POWER CORDS



SS2-50R



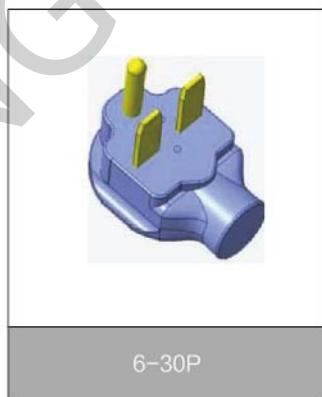
H10-30P



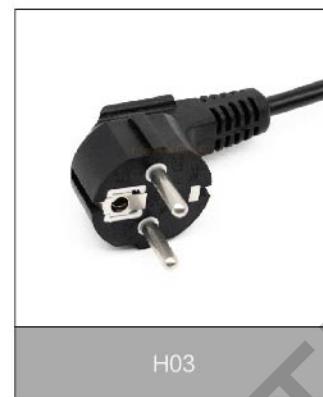
H10-30R



10-50P



6-30P



H03



H04



H01



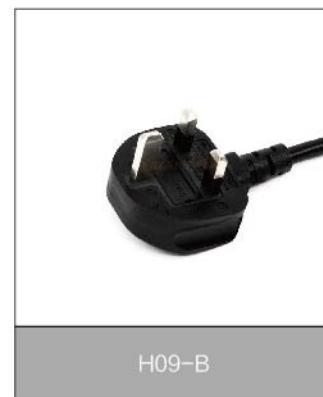
H05



H44



H20



H09-B

## POWER CORDS



H09-W



D06



D06A



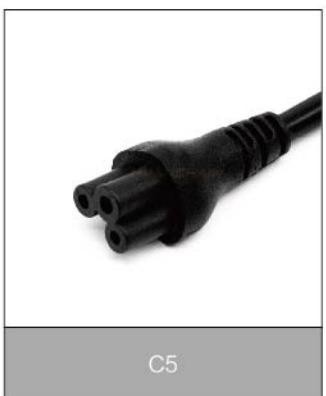
D06-YA



HSB-10



HSB-6



C5



C7



C13



C13-L

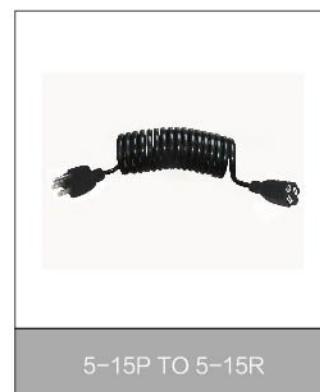
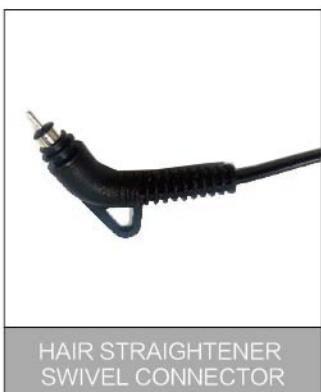


C14



C14-P

## POWER CORDS



## POWER CORDS



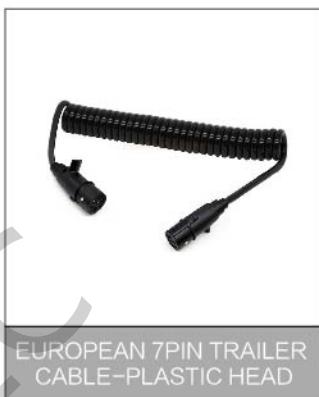
EU TO C7



5-15P TO C13



UK TO C13

3 IN 1 TRAILER TRUCK  
CABLE 12FT/15FT3 IN 1 TRAILER  
CABLE ACCESSORIES7CORE TRAILER CABLE  
GREEN SPRING COILED TYPE7CORE TRAILER CABLE  
GREEN STRAIGHT WIREEUROPEAN 7CORE  
TRAILER CABLE-METAL HEADEUROPEAN 7PIN TRAIL  
ER CABLEEUROPEAN 13 PIN  
TRAILER CABLEEUROPEAN 7PIN TRAILER  
CABLE-PLASTIC HEAD

US 7PIN TRAILER CABLE

## POWER CORDS



15 WAY TRAILER CABLE



POWERCON TRUE1  
F TO M



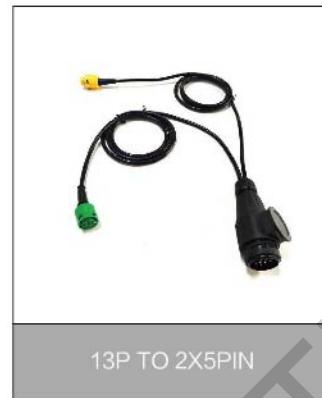
P13 TO P33



EU POWER CORD WITH  
STRAIN RELIEF



AUSTRALIAN TRAILER  
WIRE



13P TO 2X5PIN



MC4 F TO M



C20 TO 2\*C13



GST F to M



CABLE REEL 1



CABLE REEL 2



CABLE REEL 3

## 16A/32A 3PIN/4PIN/5PIN PLUG



## UTI TAPES



RT-127T-15M-GTEX



RT-127T-30M-GTEX



RT-127T-15M-MK3



RT-127T-30M-MK3



RT-127T-15M-TKT02



RT-127T-30M-TKT02



RT-127T-15M-TKT01



RT-127T-30M-TKT01



RT-127T-15M-MMC



RT-127T-30M-MMC



RT-127T-15M-MARSEN



RT-127T-30M-MARSEN

## UTI TAPES



RT-127T-15M-W



RT-127T-30M-W



RT-127T-15M-Y



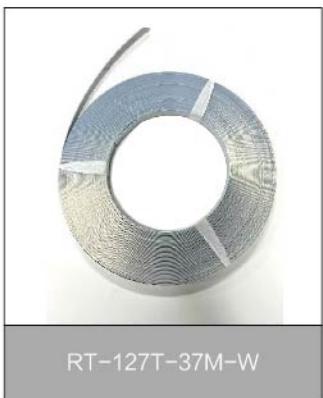
RT-127T-30M-Y



RT-127T-35M-W



RT-127T-35M-Y



RT-127T-37M-W



RT-127T-37M-Y



上海丰熠电缆科技有限公司

Shanghai Fengy Cable Technology Co.,Ltd.

上海市闵行区剑川路951号2号楼4层

No.951 Jianchuan Road, Building 2, 4th Floor, Minhang District, Shanghai, China

TEL: 86-21-5471 6991

[www.fengytec.com](http://www.fengytec.com)