



Automotive Cable

汽车电线

丹阳市伟鹤祥线缆制造有限公司

DANYANG WINPOWER WIRE & CABLE MFG CO.,LTD



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WINPOWER
WIRE & CABLE

占地面积
17000 m²

现代化厂房
40000 m²

多项企业体系认证
ISO9001
TS16949
CCC

荣获多项国际认证
TUV VDE
UL CSA
CE

About Us

关于我们

丹阳市伟鹤祥线缆制造有限公司，提供最完整的光缆和铜缆综合布线解决方案和数百种不同的电线电缆产品。我们产品的领先优势体现在每一种电缆系列和每一种应用领域。

在国家和国际标准方面，我们的线缆产品遵循：英国标准(BS)，LPCB标准和ISO标准等等。提供广泛全面的电线电缆产品。不断扩大在全球范围内的客户网络。

伟鹤祥主要生产电力和电子行业使用的各种电线电缆。企业严格执行ISO9001,TS16949,CCC等企业体系认证要求，同时获得美国UL，美国CSA,德国TUV,德国VDE，欧盟CE等国际认证，各项专利和发明专利25件。

伟鹤祥线缆地处长江三角洲，交通便利（距离海关3公里）。目前占地17000平米，拥有4万平方米现代化生产厂房。具备50万公里线缆的年生产能力，拥有行业先进的50.60.70.80.90.100的生产挤出机，500.630各类高速绞线机，高速单绞机，高速成缆机，编织机组成的整套先进线缆生产流水线。企业拥有齐全的实验设备，可严格把控产品质量。有不可比拟的优势，能够灵活的满足客户的要求。我们能提供统一的设计和解决方案，通过我们先进的电子商务技术，降低交易成本和时间，以创造更好更便捷的交易环境。

伟鹤祥线缆坚持高技术、高质量、高水平的产业方针、优质的服务水平，以及具竞争力的市场价格和独特的创新精神在业界闻名。我们致力发展新的技术，并积极地与市场接轨，拓展多元化的产品和服务，以不断满足顾客需求。同时，我们了解生产技术变革的必要性，因此积极制订发展规划，以把握未来的市场机遇，我们将会用优异的服务和品质，保证业务的持续增长。我们的研发中心与客户密切的配合，致力于提高产品和技术的兼容性，以为不同行业提供解决方案。始终坚持与国际新能源市场同步开发和生产新产品，并同步升级，为全球不断增长的客户网络提供满意的服务。

Danyang Winpower Wire&Cable MFG CO., LTD. Provide the most complete optical and copper cable integrated wiring solutions and hundreds of different wire and cable products. Our product leadership is reflected in every cable family and every application area.

In terms of national and international standards, our cable products follow: British Standard (BS), LPCB standard and ISO standard, etc. Provide a wide range of wire and cable products. Continuously expand the customer network on a global scale.

Winpower manufactures a wide range of wires and cables used in the power and electronics industries. Enterprises strictly implement ISO9001,TS16949,CCC and other enterprise system certification requirements, and obtain the United States UL, the United States CSA, Germany TUV, Germany VDE, the European Union CE and other international certification, various patents and invention patents 25.

Winpower is conveniently located in the Yangtze River Delta (3 km from customs). At present, it covers an area of 17,000 square meters and has 40,000 square meters of modern production plants. With the annual production capacity of 500,000 kilometers of cables, it has the industry's advanced 50.60.70.80.90.100 production extruder, 500.630 all kinds of high-speed wire stranding machine, high-speed single stranding machine, high-speed cable forming machine, knitting machine composed of a complete set of advanced cable production line. The company has complete experimental equipment, can strictly control the quality of products. There are incomparable advantages, can flexibly meet customer requirements. We can provide unified design and solutions, through our advanced e-commerce technology, reduce transaction costs and time, in order to create a better and more convenient transaction environment.

Winpower adheres to the industrial policy of high technology, high quality and high level, excellent service level, competitive market price and unique spirit of innovation in the industry. We are committed to developing new technologies and actively integrating with the market to expand diversified products and services to continuously meet customer needs. At the same time, we understand the necessity of production technology change, so actively formulate development plans to seize the future market opportunities, we will use excellent service and quality, to ensure the continuous growth of business. Our research and development centers work closely with our customers to improve product and technology compatibility and provide solutions for different industries. Always adhere to the development and production of new products in sync with the international new energy market, and upgrade simultaneously, to provide satisfactory services for the growing customer network around the world.



专业制造 实力认证

我们坚持从原料到成品的质量把控，
通过多项国内外检测认证，
用心打造实力派自主品牌。

30⁺
台

挤出机

500000⁺
公里

年生产能力



专利证书 Patent certificate



*注：证书仅为部分展示。 Note: The certificate is only partially displayed.

编码名称 Coded name

1.线缆类型（德国） Cable Type (Germany)

FL=汽车线缆	FL= Car cable
FLZ=汽车点火导线	FLZ= car ignition wire

2.导体材料（不包括电解铜） Conductor materials (excluding electrolytic copper)

M=除 E-CU 或电阻合金以外的材料	M= Material other than E-CU or resistance alloy
W=电阻线	W= resistance line

3.绝缘材料的特性 Characteristics of insulating materials

无缩写=正常厚度	No abbreviation = normal thickness
R=减少绝缘厚度	R= Reduce insulation thickness
U=超薄绝缘	U= Ultra-thin insulation
S=增加绝缘	S= increased insulation

4.绝缘和护套材料 Insulation and sheathing materials

德标	German standard
Y=柔软的PVC(聚氯乙烯)	Y= Soft PVC(polyvinyl chloride)
YW=柔软的PVC,耐热性, 耐高压	YW= Soft PVC, heat resistance, high pressure resistance
4Y=PA(聚酰胺)	4Y=PA(polyamide)
6Y=FEP(氟化乙烯丙烯共聚物)	6Y=FEP(fluorinated ethylene propylene copolymer)
7Y=ETFE(聚氟乙烯)	7Y=ETFE(Polyvinyl fluoride)
11Y=TPE-U(热塑性聚氨酯弹性体)	11Y=TPE-U(thermoplastic polyurethane elastomer)
13Y=TPE-E(聚酯系弹性体)	13Y=TPE-E(Polyester elastomer)
2X=XLPE(交联聚乙烯)	2X=XLPE(Crosslinked polyethylene)
4G=EVA(乙烯/乙烯基醋酸盐)	4G=EVA(vinyl/vinyl acetate)
2G=SiR(硅橡胶)	2G=SiR(silicone rubber)

日标	Japanese standard
A= 汽车低压电缆	A= automotive low-voltage cable
V=聚氯乙烯绝缘	V= polyvinyl chloride insulation
S=薄壁绝缘	S= thin wall insulation
SS=超薄壁绝缘	SS= Ultra-thin wall insulation
XX=交联绝缘	XX= cross-linked insulation
T=双绞线	T= twisted pair
E=聚乙烯	E= polyethylene
EB=电子焊接	EB= Electronic welding
HEB=重卡电子焊接	HEB= heavy truck electronic welding
HD=重卡	HD= heavy load
C=紧密	C= compact

美标	American standard
TWP=壁薄, 热塑绝缘蓄电池低压电缆	TWP= Thin-walled, thermoplastic insulated battery low-voltage cable
GPT=热塑性绝缘低压电缆	GPT= thermoplastic insulated low voltage cable
TXL=壁薄低压汽车电缆	TXL= thin-walled low-voltage automotive cable

GXL=交联聚乙烯绝缘低压汽车电缆	GXL= Crosslinked polyethylene insulated low voltage automotive cable
SXL=交联聚乙烯绝缘低压特殊用途的汽车电缆	SXL= Crosslinked polyethylene insulated low voltage special purpose automotive cable
HDT=重卡汽车热塑性绝缘低压电缆	HDT= thermoplastic insulated low voltage cable for heavy truck vehicles
SGT=起动机或地面,通用热塑性绝缘	SGT= Starter or floor, universal thermoplastic insulation
STX=APC导体, 薄壁XLPE绝缘	STX=APC conductor, thin-walled XLPE insulation
SGX=APC导体, 通常使用XLPE绝缘	SGX=APC conductor, usually insulated with XLPE
WTA=柔软退火铜导体, 超薄壁PVC绝缘	WTA= Soft annealed copper conductor, ultra-thin-walled PVC insulation
WTC=柔软退火铜导体, 超薄壁PVC绝缘	WTC= Soft annealed copper conductor, ultra-thin-walled PVC insulation

5.屏蔽 shield

B=屏蔽 (薄膜, 铝箔)	B= shielding (film, aluminum foil)
C=铜丝编织	C= copper wire braid

6. 特殊设计 Special design

F=扁平线	F= flat line
Z=多芯可分离线缆	Z= Multi-core separable cable

7. 芯数和截面 Number of cores and section

表示线缆芯的数量及横截面积 (mm ²)	Number of cable cores and cross-sectional area (mm ²)
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举例 Give an example

1.单芯电缆 Single-core cable

FLY 1X0.5		
FL	汽车电缆	Automobile cable
Y	PVC绝缘	PVC insulation
1x0.5	标称截面积 0.5mm ²	Nominal cross-sectional area 0.5mm ²

2.多芯电缆 Multicore cable

FLRYCY 9X0.08		
FL	汽车电缆	Automobile cable
R	减少绝缘厚度	Reduce insulation thickness
Y	PVC绝缘	PVC insulation
C	铜丝编织	Copper wire braid
Y	PVC (聚氯乙烯) 护套	PVC (polyvinyl chloride) sheath
9x0.8	9 芯, 标称截面积0.08mm ²	9 cores, nominal cross-sectional area 0.08mm ²



颜色编码

Color coding

编码	颜色
Bu	蓝色
Bn	棕色
Ye	黄色
Gn	绿色
Gy	灰色
Nt	自然色
Rd	红色
Bk	黑色
Pu	紫色
Wh	白色

线缆颜色说明

Cable color Description

1. 第一种颜色

First color

基本颜色 (颜色符合DIN 47002和DIN IEC 304标准).
Basic color (color according to DIN 47002 and DIN IEC 304).

1. 第二种颜色

Second color

2个色带在两侧
色带宽度: 两条色带的宽度最小为周长的14%，最大不超过35%，一条色带的宽度最小为周长的7%.
2 ribbons on both sides
Ribbon width: The width of two ribbons is at least 14% of the perimeter, the maximum is not more than 35%, and the width of one ribbon is at least 7% of the perimeter.

1. 第三种颜色

Third color

3 毫米宽的环状色带，最大不超过1毫米的误差
色带之间的距离: 6 到 20 毫米7%.
3 mm wide ring ribbon with a maximum error of 1 mm
Distance between bands: 6 to 20 mm 7%.

导体规格

Conductor specification

裸铜

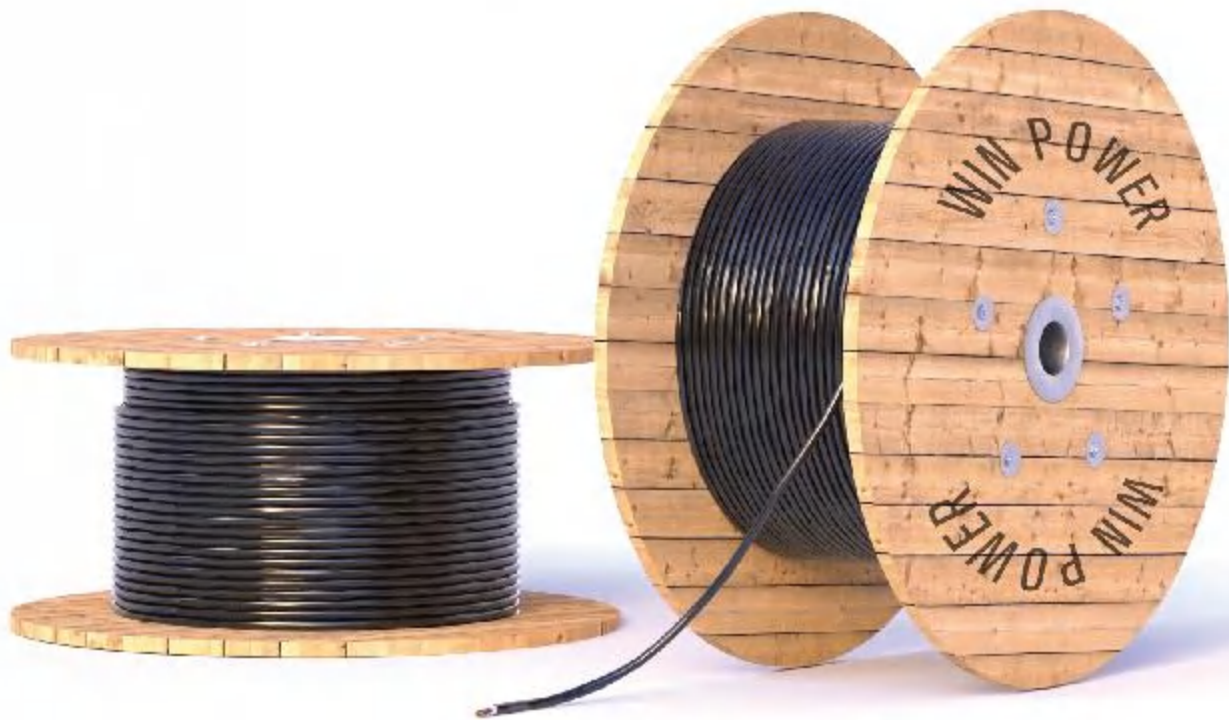
Bare copper

铜线 Copper wire	Cu-ETP1符合 DIN EN 13602的标准 Cu-ETP1 conforms to DIN EN 13602
熔点铜 Melting point copper	1083°C 1083°C
在 20°C 时的电导率 Conductivity at 20°C	58.5m/(Ωmm²) 58.5 m/(Ω mm squared)
密度 density	8.925 kg/dm3 8.925 kg/dm3
优势 advantage	价格低 Low price

镀锡铜

Tinned copper

铜线 Copper wire	Cu-ETP1符合 DIN EN 13602 的标准 Cu-ETP1 conforms to DIN EN 13602
锡 tin	Sn 99, 90 DIN 1704 Sn 99, 90 DIN 1704
熔点 Fusing point	铜: 1083 °C, 锡: 232 °C Copper: 1083 °C, Tin: 232 °C
在20°C时的电导率 Conductivity at 20°C	57.5 m/(Ωmm²) 57.5m /(Ωmm²)
密度 density	8.925 kg/dm3 8.925 kg/dm3
优势 advantage	有良好的焊接能力 Good welding ability 保护绝缘 Protective insulation 有良好的防腐性 It has good corrosion resistance



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EVC H05BZ5-F
EVC H07BZ5-F



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸软铜线 绝缘体：105℃ XLPO 外护套：90℃ TPU	Conductor: Annealed soft bare copper Insulation: 105℃ XLPO Sheath: 90℃ TPU
电缆特性	FEATURES
使用温度：-40℃~+90℃ 额定电压：450/750V 通过IEC 60332-1-2测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40℃~+90℃ Rated voltage: 450/750V Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO:EN 50618			
线材规格 Style of the cable (mm ²)	主线导体 /Conductor			绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.1	10.5
	41/0.15AS	1.1		0.5	2.2		
5*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
3*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
5*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.4	16.2
	41/0.15AS	1.1		0.5	2.2		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

62893 IEC 121
62893 IEC 123



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：105°C XLPO 外护套：90°C TPU	Conductor: Annealed soft bare copper Insulation: 105°C XLPO Sheath: 90°C TPU
电缆特性	FEATURES
使用温度：-40°C~+90°C 额定电压：450/750V 通过IEC 60332-1-2测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40°C~+90°C Rated voltage: 450/750V Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: IEC62893:2017			
线材规格 Style of the cable (mm2)	主导体 /Conductor		绝缘 /Insulation		护套 /Sheath		
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.1	10.5
	41/0.15AS	1.1		0.5	2.2		
5*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
3*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
5*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.4	16.2
	41/0.15AS	1.1		0.5	2.2		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

62893 IEC 126



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：105°C XLPO 屏蔽层：镀锡铜丝编织 外护套：90°C TPU	Conductor: Annealed soft bare copper Insulation: 105°C XLPO Screen: Tinned copper wires braided Sheath: 90°C TPU
电缆特性	FEATURES
使用温度：-40°C~+90°C 额定电压：DC1.0kV、DC1.5kV 通过IEC 60332-1-2测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40°C~+90°C Rated voltage: DC1.0kV、DC1.5kV Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: IEC 62893-4	
线材规格 Style of the cable (mm2)	主导体 /Conductor		护套 /Sheath		
	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C(Ω/km)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
2×10+10+2×4+P(2×0.75)+P(8X0.75)	4.5	1.91	40	1.3	26
2×16+16+2×4+P(2×0.75)+P(8X0.75)	5.8	1.21	65	1.5	28.5
2×25+25+2×4+P(2×0.75)+P(8X0.75)	7.2	0.780	100	1.7	32
2×35+25+2×4+P(2×0.75)+P(8X0.75)	8.5	0.554	125	1.9	34
2×50+25+2×4+P(2×0.75)+P(8X0.75)	10.5	0.386	150	2.2	36
2×70+25+2×4+P(2×0.75)+P(8X0.75)	12.5	0.272	200	2.5	38
2×95+25+2×4+P(2×0.75)+P(8X0.75)	14.8	0.206	300	2.7	41.5

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EVE



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：105℃ TPE 外护套：105℃ TPE	Conductor: Annealed soft bare copper Insulation: 105℃ TPE Sheath: 105℃ TPE
电缆特性	FEATURES
使用温度：-40℃+105℃ 额定电压：600V 通过VW-1测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40℃~+105℃ Rated voltage: 600V Flame test: VW-1 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: UL2263			
线材规格 Style of the cable (mm2)	主线导体 / Conductor			绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3x16AWG+1x18AWG	26/0.254AS	1.51	12	0.76	3.15	2.03	11.7
	41/0.16AS	1.18		0.76	2.8		
3x14AWG+1x18AWG	41/0.254AS	1.88	16	1.14	4.4	2.03	14.1
	41/0.16AS	1.18		0.76	2.8		
3x12AWG+1x18AWG	65/0.254AS	2.36	23	1.14	4.8	2.03	14.9
	41/0.16AS	1.18		0.76	2.8		
3x10AWG+1x18AWG	105/0.254AS	3.22	32	1.14	5.7	2.03	16.6
	41/0.16AS	1.18		0.76	2.8		
2x8AWG+1x10AWG +1x18AWG	168/0.254AS	4.26	46	1.52	7.4	3.17	21.6
	105/0.254AS	3.22		1.14	5.7		
	41/0.16AS	1.18		0.76	2.8		
2x6AWG+1x8AWG +1x18AWG	266/0.254AS	5.35	65	1.52	8.5	3.17	24.2
	168/0.254AS	4.26		1.14	7.4		
	41/0.16AS	1.18		0.76	2.8		
2x4AWG+1x6AWG +1x18AWG	420/0.254AS	6.5	80	1.52	9.8	3.17	27.0
	266/0.254AS	5.35		1.52	8.5		
	41/0.16AS	1.18		0.76	2.8		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EVJE



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：105℃ TPE 外护套：105℃ TPE	Conductor: Annealed soft bare copper Insulation: 105℃ TPE Sheath: 105℃ TPE
电缆特性	FEATURES
使用温度：-40℃+105℃ 额定电压：300V 通过VW-1测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40℃~+105℃ Rated voltage: 300V Flame test: VW-1 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: UL2263:2022			
线材规格 Style of the cable (mm2)	主线导体 / Conductor			绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3x16AWG+1x18AWG	26/0.254AS	1.51	12	0.76	3.15	0.76	10.5
	41/0.16AS	1.18		0.76	2.8		
3x14AWG+1x18AWG	41/0.254AS	1.88	16	0.76	3.55	0.76	11.0
	41/0.16AS	1.18		0.76	2.8		
3x12AWG+1x18AWG	65/0.254AS	2.36	23	0.76	4.0	0.76	12.0
	41/0.16AS	1.18		0.76	2.8		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EVT



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：105°C PVC 外护套：105°C PVC	Conductor: Annealed soft bare copper Insulation: 105°C PVC Sheath: 105°C PVC
电缆特性	FEATURES
使用温度：-40°C+105°C 额定电压：600V 通过VW-1测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40°C~+105°C Rated voltage: 600V Flame test: VW-1 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: UL2263			
线材规格 Style of the cable (mm2)	主线导体 / Conductor		参考载流量 Current carrying capacity(A)	绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)		标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3x16AWG+1x18AWG	26/0.254AS	1.51	12	0.76	3.15	2.03	11.7
	41/0.16AS	1.18		0.76	2.8		
3x14AWG+1x18AWG	41/0.254AS	1.88	16	1.14	4.4	2.03	14.1
	41/0.16AS	1.18		0.76	2.8		
3x12AWG+1x18AWG	65/0.254AS	2.36	23	1.14	4.8	2.03	14.9
	41/0.16AS	1.18		0.76	2.8		
3x10AWG+1x18AWG	105/0.254AS	3.22	32	1.14	5.7	2.03	16.6
	41/0.16AS	1.18		0.76	2.8		
2x8AWG+1x10AWG +1x18AWG	168/0.254AS	4.26	46	1.52	7.4	3.17	21.6
	105/0.254AS	3.22		1.14	5.7		
	41/0.16AS	1.18		0.76	2.8		
2x6AWG+1x8AWG +1x18AWG	266/0.254AS	5.35	65	1.52	8.5	3.17	24.2
	168/0.254AS	4.26		1.14	7.4		
	41/0.16AS	1.18		0.76	2.8		
2x4AWG+1x6AWG +1x18AWG	420/0.254AS	6.5	80	1.52	9.8	3.17	27.0
	266/0.254AS	5.35		1.52	8.5		
	41/0.16AS	1.18		0.76	2.8		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EV-S90S90



电缆结构	CABLE STRUCTURE
导体：绞合的退火裸铜线 绝缘体：90°C TPE 外护套：90°C TPE	Conductor: Annealed soft bare copper Insulation: 90°C TPE Sheath: 90°C TPE
电缆特性	FEATURES
使用温度：-40°C+90°C 额定电压：450/750V 通过IEC 60332-1-2测试，良好的抗延燃性 弯曲半径≥6×OD，易于安装	Using temperature: -40°C~+90°C Rated voltage: 450/750V Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源汽车充电装置与充电基础设施的连接，柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE				参考标准 REFER TO: GB/T 33594			
线材规格 Style of the cable (mm2)	主线导体 / Conductor		参考载流量 Current carrying capacity(A)	绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)		标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS	2.1	16	0.8	3.9	1.9	12.6
	41/0.15AS	1.1		0.5	2.2		
5*2.5+1*0.75	80/0.20AS	2.1	16	0.8	3.9	2.1	15.0
	41/0.15AS	1.1		0.5	2.2		
3*6+1*0.75	190/0.20AS	3.2	32	1.0	5.4	2.2	16.3
	41/0.15AS	1.1		0.5	2.2		
5*6+1*0.75	190/0.20AS	3.2	32	1.0	5.4	2.5	20.0
	41/0.15AS	1.1		0.5	2.2		

*备注：详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EV-S90U



电缆结构	CABLE STRUCTURE
导体: 绞合的退火裸铜线 绝缘体: 90°C TPE 外护套: 90°C TPU	Conductor: Annealed soft bare copper Insulation: 90°C TPE Sheath: 90°C TPU
电缆特性	FEATURES
使用温度: -40°C~+90°C 额定电压: 450/750V 通过IEC 60332-1-2测试, 良好的抗延燃性 弯曲半径≥6×OD, 易于安装	Using temperature: -40°C~+90°C Rated voltage: 450/750V Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE 参考标准 REFER TO: GB/T 33594							
线材规格 Style of the cable (mm2)	主导体 /Conductor			绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS	2.1	16	0.8	3.9	1.1	11.4
	41/0.15AS	1.1		0.5	2.2		
5*2.5+1*0.75	80/0.20AS	2.1	16	0.8	3.9	1.3	13.8
	41/0.15AS	1.1		0.5	2.2		
3*6+1*0.75	190/0.20AS	3.2	32	1.0	5.4	1.3	15.0
	41/0.15AS	1.1		0.5	2.2		
5*6+1*0.75	190/0.20AS	3.2	32	1.0	5.4	1.5	18.6
	41/0.15AS	1.1		0.5	2.2		

*备注: 详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EV-EYU



电缆结构	CABLE STRUCTURE
导体: 绞合的退火裸铜线 绝缘体: 105°C XLPO 外护套: 90°C TPU	Conductor: Annealed soft bare copper Insulation: 105°C XLPO Sheath: 90°C TPU
电缆特性	FEATURES
使用温度: -40°C~+90°C 额定电压: 450/750V 通过IEC 60332-1-2测试, 良好的抗延燃性 弯曲半径≥6×OD, 易于安装	Using temperature: -40°C~+90°C Rated voltage: 450/750V Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE 参考标准 REFER TO: GB/T 33594							
线材规格 Style of the cable (mm2)	主导体 /Conductor			绝缘 /Insulation		护套 /Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.1	10.5
	41/0.15AS	1.1		0.5	2.2		
5*2.5+1*0.75	80/0.20AS	2.1	16	0.7	3.7	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
3*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.2	13.2
	41/0.15AS	1.1		0.5	2.2		
5*6+1*0.75	190/0.20AS	3.2	32	0.7	4.8	1.4	16.2
	41/0.15AS	1.1		0.5	2.2		

*备注: 详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

EVDC-EYU



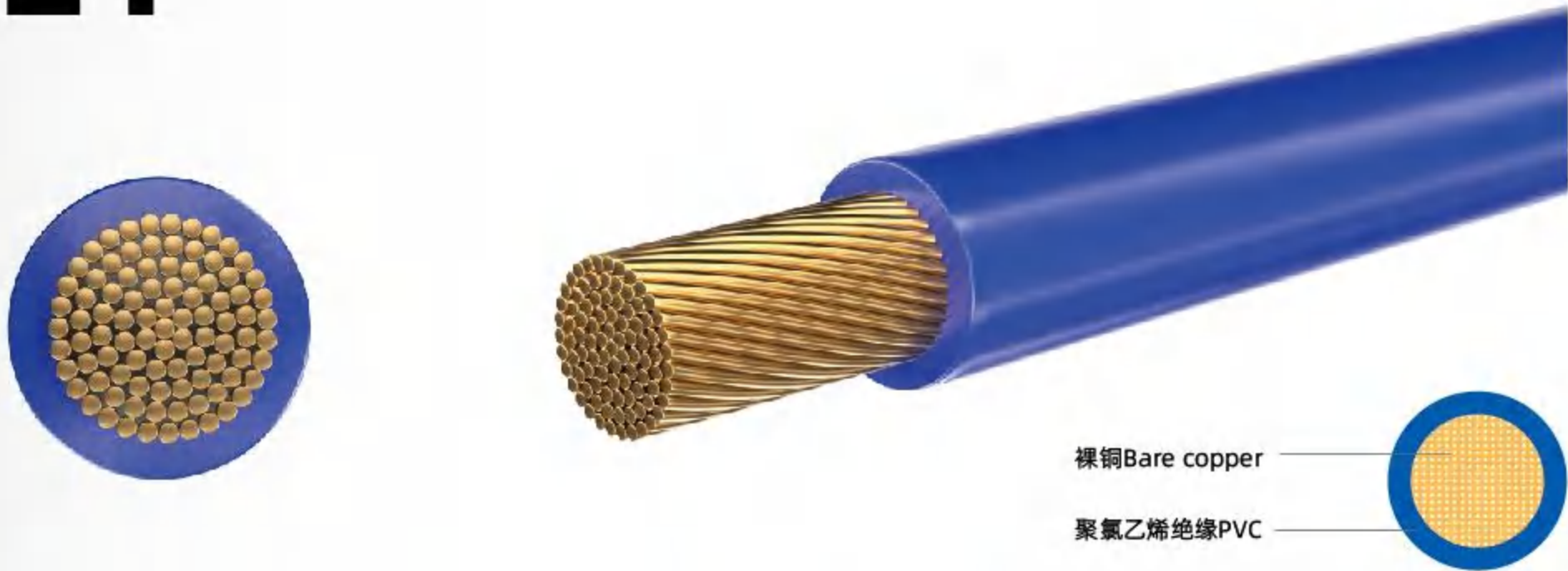
电缆结构	CABLE STRUCTURE
导体: 绞合的退火裸铜线 绝缘体: 105°C XLPO 屏蔽层: 镀锡铜丝编织 外护套: 90°C TPU	Conductor: Annealed soft bare copper Insulation: 105°C XLPO Screen: Tinned copper wires braided Sheath: 90°C TPU
电缆特性	FEATURES
使用温度: -40°C~90°C 额定电压: DC1.0kV、DC1.5kV 通过IEC 60332-1-2测试, 良好的抗延燃性 弯曲半径≥6×OD, 易于安装	Using temperature: -40°C~90°C Rated voltage: DC1.0kV、DC1.5kV Flame test: IEC 60332-1-2 Bending radius: no less than 6 times the cable diameter
电缆应用	TECHNICAL PARAMETER
用于新能源汽车充电装置与充电基础设施的连接, 柔软易弯曲	Used for the connection between new energy electric vehicle charging devices and charging infrastructure , flexible

电池连接电缆结构表 THE STRUCTURE OF UL CABLE 参考标准 REFER TO: IEC 62893-4

线材规格 Style of the cable (mm2)	主线导体 /Conductor			护套/Sheath	
	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C(Ω/km)	参考载流量 Current carrying capacity(A)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
2×10+10+2×4+P(2×0.75)+P(8X0.75)	4.5	1.91	40	1.3	26
2×16+16+2×4+P(2×0.75)+P(8X0.75)	5.8	1.21	65	1.5	28.5
2×25+25+2×4+P(2×0.75)+P(8X0.75)	7.2	0.780	100	1.7	32
2×35+25+2×4+P(2×0.75)+P(8X0.75)	8.5	0.554	125	1.9	34
2×50+25+2×4+P(2×0.75)+P(8X0.75)	10.5	0.386	150	2.2	36
2×70+25+2×4+P(2×0.75)+P(8X0.75)	12.5	0.272	200	2.5	38
2×95+25+2×4+P(2×0.75)+P(8X0.75)	14.8	0.206	300	2.7	41.5

*备注: 详细尺寸以产品规格书为准。 The product's description please refer to the specification for approval.

FLY



应用	BRIEF INTRODUCTION
单芯PVC绝缘非屏蔽低压线应用于汽车。	Single-core PVC insulated unshielded low voltage wire for automotive applications.
结构	CABLE STRUCTURE
导体: Cu-ETP1 的裸铜符合 DIN EN 13602标准 绝缘: PVC 标准: ISO 6722 Class B	Conductor: Bare copper of Cu-ETP1 according to DIN EN 13602 Insulation: PVC Standard: ISO 6722 Class B
特殊属性	SPECIAL ATTRIBUTE
导体大于6mm² 时, 可用于作电池线	When the conductor is larger than 6mm², it can be used as a battery wire
技术参数	TECHNICAL PARAMETER
工作温度: -25°C -105°C	Operating temperature: -25 °C -105°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal conductor cross-sectional area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数 / 直径 Number of strands / diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C(mΩ/m)	绝缘厚度 Nominal Thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	16/0.21	1.00	37.10	0.48	2.00	2.30	8
1x0.75	24/0.21	1.20	24.70	0.48	2.20	2.50	12
1x1.00	32/0.21	1.35	18.50	0.48	2.40	2.70	15
1x1.50	30/0.26	1.70	12.70	0.48	2.70	3.00	20
1x2.00	40/0.26	2.00	9.42	0.60	2.90	3.20	26
1x2.50	50/0.26	2.20	7.60	0.70	3.30	3.70	32
1x3.00	60/0.26	2.50	6.00	0.70	3.50	3.90	37
1x4.00	56/0.31	2.75	4.71	0.80	4.00	4.40	49
1x6.00	84/0.31	3.30	3.14	0.80	4.60	5.00	68
1x10.00	80/0.41	4.50	1.82	0.80	6.00	6.50	117
1x16.00	126/0.41	6.30	1.16	0.80	7.50	8.30	193
1x25.00	196/0.41	7.80	0.75	1.04	9.50	10.40	274
1x35.00	276/0.41	9.00	0.53	1.04	10.60	11.60	397
1x50.00	400/0.41	10.50	0.37	1.20	12.90	13.50	547
1x70.00	555/0.41	12.50	0.26	1.20	14.80	15.50	769
1x95.00	740/0.41	14.80	0.20	1.28	17.00	18.00	990
1x120.00	960/0.41	16.50	0.15	1.60	18.70	19.70	1250

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYY



应用

单芯 PVC 非屏蔽低压线应用于汽车，摩托车和其他机动车辆。

结构

导体: Cu-ETP1 裸铜符合 DIN EN 13602 标准
绝缘: PVC
护套: PVC
标准: ISO 6722 Class B

技术参数

工作温度: -40°C - 105°C

APPLICATIONS

Single-core PVC unshielded low pressure wire is used in cars, motorcycles and other motor vehicles.

STRUCTURE

Conductor: Cu-ETP1 bare copper according to DIN EN 13602
Insulation: PVC
Sheath: PVC
Standard: ISO 6722 Class B

TECHNICAL PARAMETERS

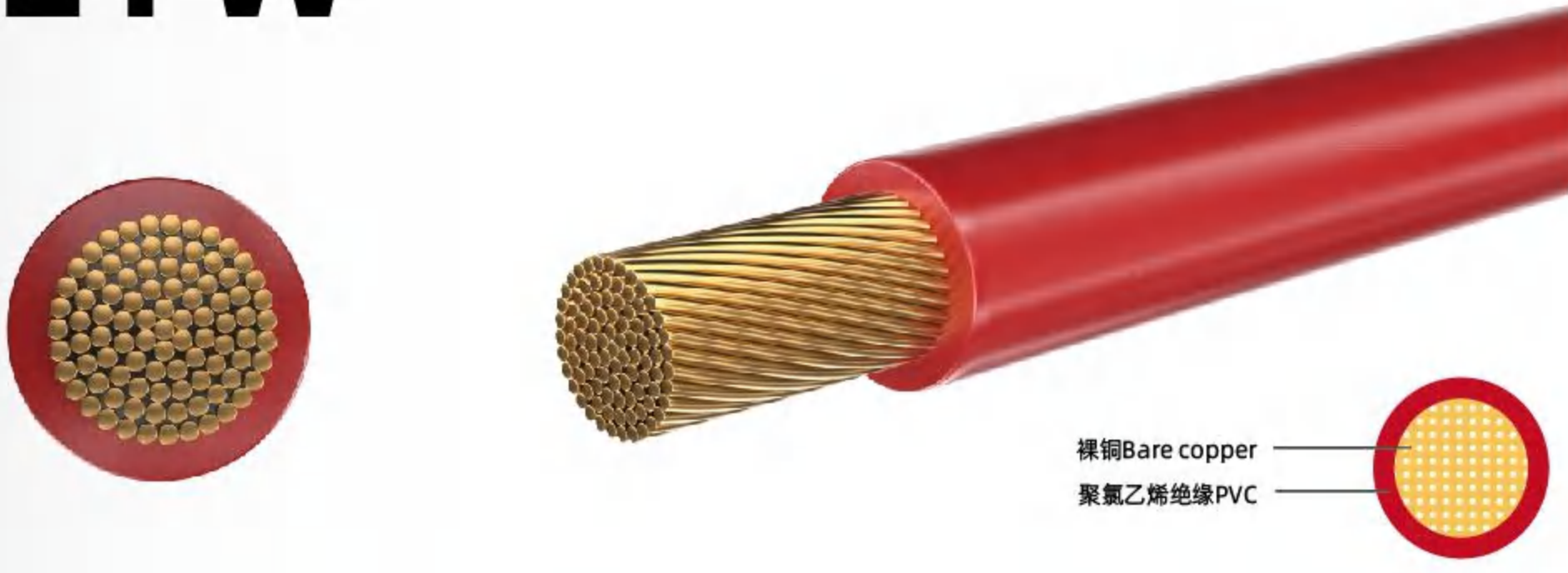
Operating temperature: -40 °C to 105°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation		成缆 / Cabling			
	股数 / 直径 Number of strands / diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)	绝缘 厚度 Insulation thickness (mm)	单芯 直径 Single core diameter (mm)	护套 厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	16/0.21	1.00	37.10	0.60	2.10	0.40	2.70	3.10	14
1x0.75	24/0.21	1.20	24.70	0.60	2.30	0.40	3.00	3.30	17
1x1.00	32/0.21	1.35	18.50	0.60	2.50	0.40	3.20	3.60	20
1x1.50	30/0.26	1.70	12.70	0.60	2.80	0.50	3.70	4.10	28
1x2.00	40/0.26	2.00	9.42	0.60	3.00	0.50	3.90	4.30	33
1x2.50	50/0.26	2.20	7.60	0.70	3.50	0.50	4.30	4.80	41

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYW



应用

单芯 PVC 绝缘线应用于汽车，摩托车和其他机动车辆，它具有良好的耐热性。

结构

导体: Cu-ETP1 裸铜符合 DIN EN13602 标准
绝缘: PVC
标准: ISO 6722 Class C

技术参数

工作温度: -40°C to 125°C

APPLICATIONS

Single-core PVC insulated wire is used in automobiles, motorcycles and other motor vehicles, and it has good heat resistance.

STRUCTURE

Conductor: Cu-ETP1 bare copper conforms to DIN EN13602
Insulation: PVC
Standard: ISO 6722 Class C

TECHNICAL PARAMETERS

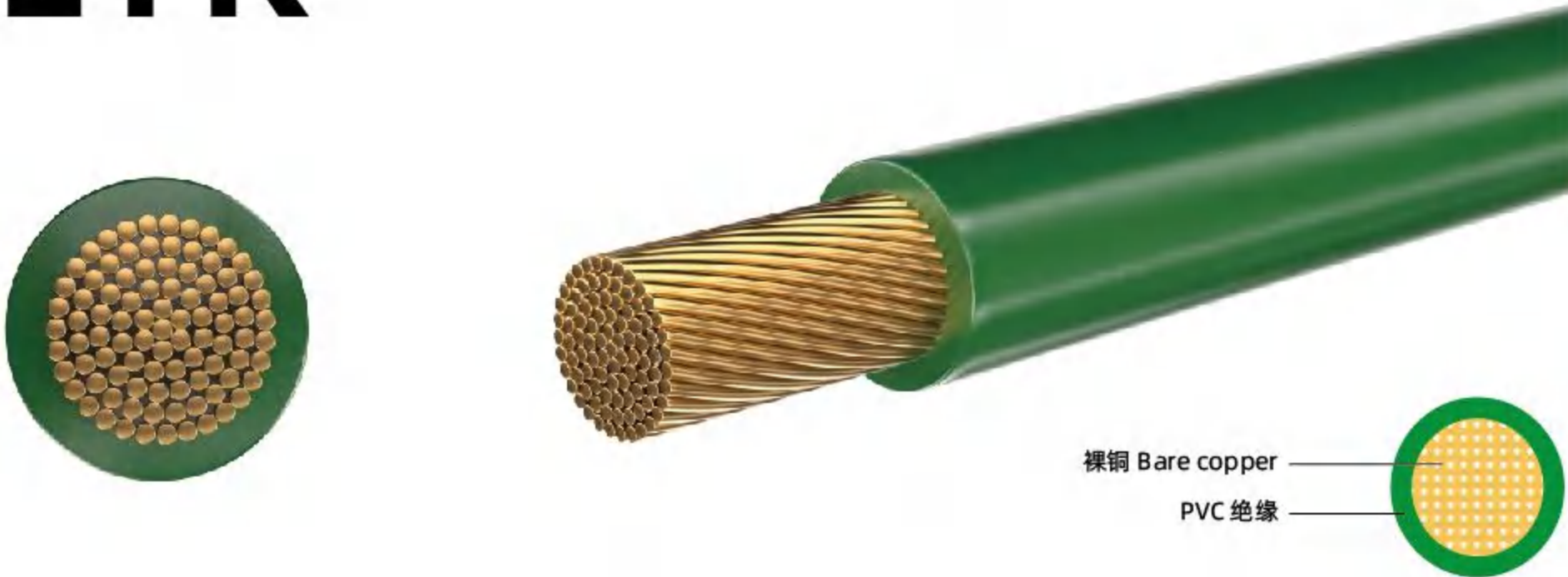
Operating temperature: -40 °C to 125°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling	
	股数/直径	最大直径	20℃时的最大电阻值	绝缘厚度	最小外径	最大外径	重量
	Number of strands /diameter(No./mm)	Maximum diameter (mm)	Maximum resistance at 20℃(mΩ/m)	Insulation thickness (mm)	Minimum outside diameter(mm)	Maximum outside diameter(mm)	weight (kg/km)
1x0.50	16/0.20	1.00	37.10	0.48	2.00	2.30	8
1x0.75	24/0.20	1.20	24.70	0.48	2.20	2.50	11
1x1.00	32/0.20	1.35	18.50	0.48	2.40	2.70	15
1x1.50	30/0.25	1.70	12.70	0.48	2.70	3.00	20
1x2.50	50/0.25	2.20	7.60	0.56	3.30	3.60	32
1x4.00	56/0.31	2.75	4.71	0.64	4.00	4.40	48
1x6.00	84/0.31	3.30	3.14	0.64	4.60	5.00	68
1x10.00	80/0.40	4.50	1.82	0.80	6.00	6.50	117
1x16.00	126/0.40	5.20	1.16	0.80	8.00	8.30	193
1x25.00	196/0.40	6.50	0.70	1.04	10.10	10.40	274
1x35.00	276/0.40	7.70	0.50	1.04	11.30	11.60	397
1x50.00	396/0.40	9.20	0.30	1.20	13.20	13.50	547
1x70.00	556/0.40	11.00	0.20	1.20	15.20	15.50	769
1x95.00	741/0.40	14.80	0.20	1.28	17.00	18.00	990

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYK



应用 APPLICATIONS

PVC 绝缘汽车线应用于汽车，卡车及其他机动车辆。
Single-core PVC insulated automotive wire is used in cars, trucks and other motor vehicles.

结构 STRUCTURE

导体: Cu-ETP1 裸铜符合 DIN EN 13602 标准
绝缘: PVC(耐冷)
标准: ISO 6722 Class B
Conductor: Cu-ETP1 bare copper according to DIN EN 13602
Insulation: PVC(cold resistance)
Standard: ISO 6722 Class B

特殊属性 SPECIAL PROPERTIES

根据ISO 6722冷弯曲试验在零下50°C下进行。
短期老化，长期老化根据 ISO6722 Class B
Cold bending tests are performed at minus 50°C according to ISO 6722.
Short-term aging, long-term aging according to ISO6722 Class B

技术参数 TECHNICAL PARAMETERS

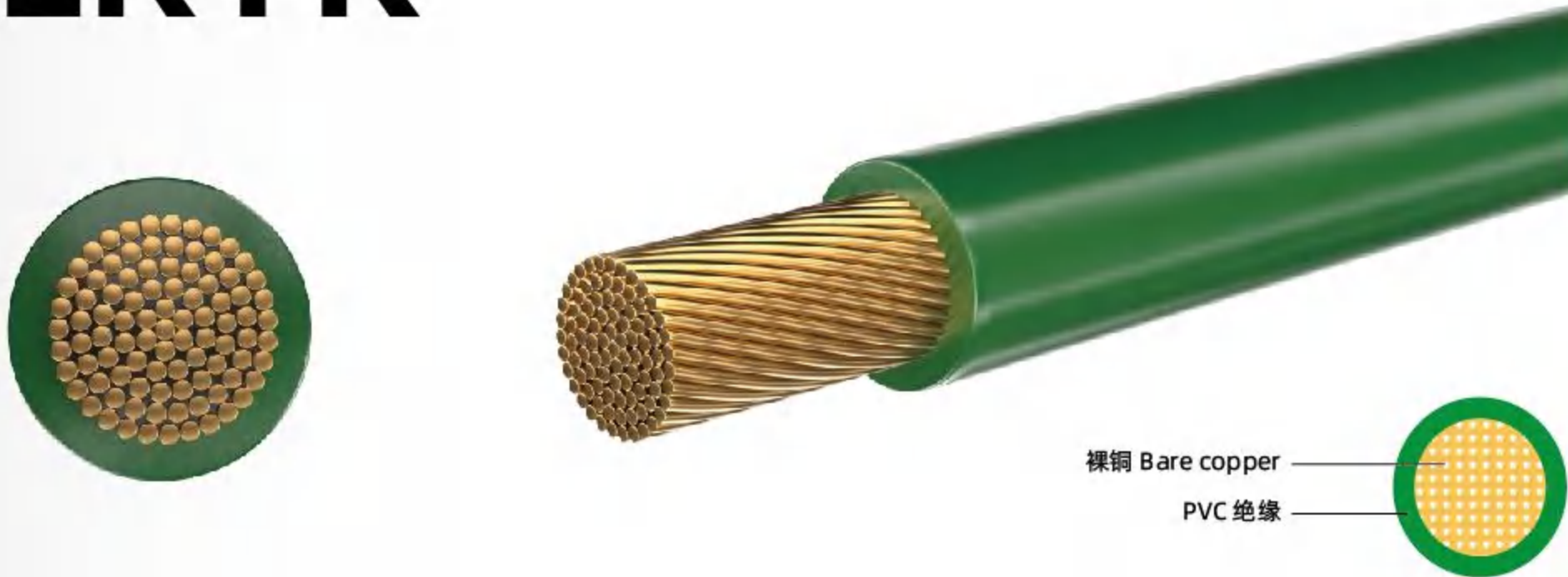
工作温度: -50°C to +105°C
Operating temperature: -50°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 /Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	28 /0.16	1.1	37.7	0.6	2.0	2.3	9
1x0.75	42/0.16	1.3	25.1	0.6	2.2	2.5	12
1x1.00	57/0.16	1.5	18.8	0.6	2.4	2.7	15
1x1.50	84/0.16	1.8	12.7	0.6	2.7	3.0	20
1x2.50	140/0.16	2.3	7.54	0.7	3.5	3.9	32
1x4.00	196/0.16	3.3	4.71	0.8	4.5	4.9	53
1x4.5	84/0.16	1.80	12.7	0.6	2.7	3.0	23
1x6.00	294/0.16	4.2	3.14	0.8	5.3	6.0	76
1x10.00	455/0.16	5.2	1.85	1.0	6.7	7.3	124
1x16.00	490/0.21	6.7	1.16	1.0	8.2	8.8	198
1x25.00	798/0.21	8.0	0.74	1.2	9.9	10.5	298

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYK



应用 APPLICATIONS

单芯 PVC 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路。
Single-core PVC automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.

结构 STRUCTURE

导体: Cu-ETP1 裸铜符合 DIN EN 13602 标准
绝缘: PVC(耐冷)
标准: ISO 6722 Class B
Conductor: Cu-ETP1 bare copper conforms to DIN EN 13602
Insulation: PVC(cold resistance)
Standard: ISO 6722 Class B

特殊属性 SPECIAL PROPERTIES

根据ISO 6722冷弯曲试验在零下50°C下进行。
短期老化，长期老化根据 ISO6722 Class B
Cold bending tests are performed at minus 50°C according to ISO 6722.
Short-term aging, long-term aging according to ISO6722 Class B

技术参数 TECHNICAL PARAMETERS

工作温度: -50°C to +105°C
Operating temperature: -50°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 /Conductor			绝缘 /Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	16 /0.21	1.0	37.7	0.22	1.4	1.6	7
1x1.00	32/0.21	1.4	18.5	0.24	2.3	2.1	12
1x1.50	30/0.26	1.7	12.7	0.24	2.2	2.4	17
1x2.50	50/0.26	2.1	7.6	0.28	3.5	3.7	33

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRY-A



应用	APPLICATIONS
单芯 PVC 对称导体 (type A) 薄壁线缆用于汽车，摩托车和高温下的电气设备。	Single-core PVC symmetrical conductor (type A) thin-wall cable is used in automobiles, motorcycles and electrical equipment at high temperatures.

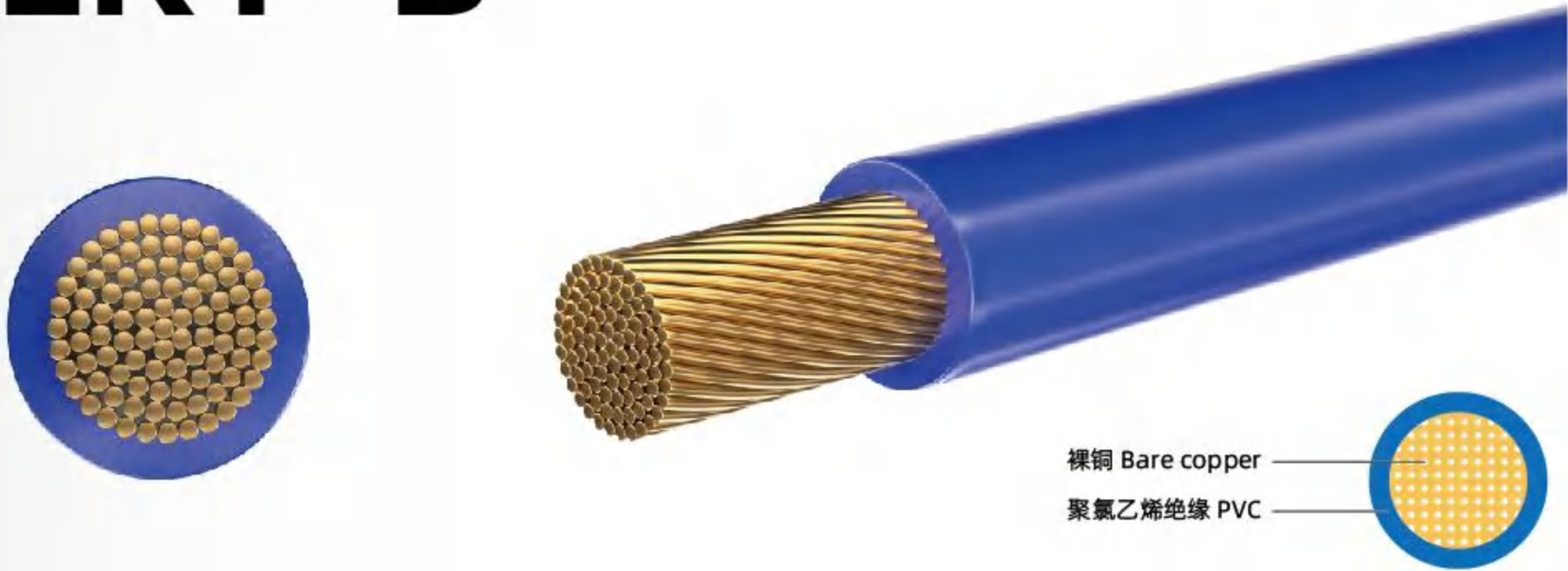
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
绝缘: PVC	Insulation: PVC
标准: ISO 6722 Class B	Standard: ISO 6722 Class B

技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to 105°C	Operating temperature: -40°C to 105°C

电缆结构表 CABLE STRUCTURE TABLE						
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling	
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper(mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.22	7/0.21	0.70	84.80/86.50	0.20	1.20	3
1x0.35	7/0.26	0.80	52.00/54.50	0.20	1.30	5
1x0.50	19/0.19	1.00	37.10/38.20	0.22	1.60	7
1x0.75	19/0.23	1.20	24.70/25.40	0.24	1.90	9
1x1.00	19/0.26	1.35	18.50/19.10	0.24	2.10	11
1x1.50	19/0.32	1.70	12.70/13.00	0.24	2.40	16
1x2.00	19/0.37	2.00	9.42/9.69	0.24	2.60	23
1x2.50	19/0.41	2.20	7.60/7.80	0.28	3.00	26

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRY-B



应用	APPLICATIONS
单芯 PVC 对称导体 (type B) 薄壁线缆用于汽车，摩托车和高温下的电气设备。	Single-core PVC symmetrical conductor (type B) thin-wall cable is used in automobiles, motorcycles and electrical equipment at high temperatures.

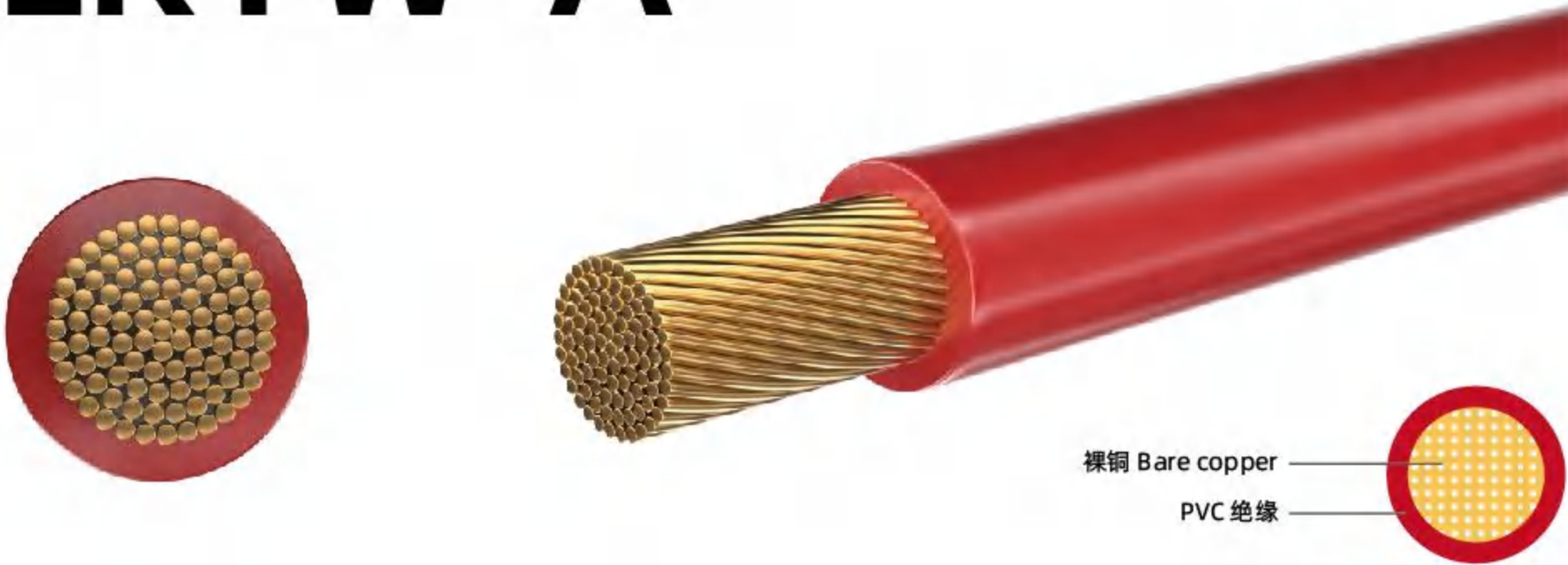
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
绝缘: PVC	Insulation: PVC
标准: ISO 6722 Class B	Standard: ISO 6722 Class B

技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to 105°C	Operating temperature: -40°C to 105°C

电缆结构表 CABLE STRUCTURE TABLE						
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling	
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper(mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	12/0.21	0.90	52.00/5.50	0.20	1.40	5
1x0.50	16/0.21	1.00	37.10/38.20	0.22	1.60	7
1x0.75	24/0.21	1.20	24.70/25.40	0.24	1.90	9
1x1.00	32/0.21	1.35	18.50/19.10	0.24	2.10	11
1x1.50	30/0.26	1.70	12.70/13.00	0.24	2.40	16
1x2.00	30/0.31	1.90	9.31/9.59	0.24	2.60	22
1x2.50	50/0.26	2.20	7.60/7.80	0.28	3.00	26
1x3.00	45/0.31	2.40	6.21/6.40	0.28	3.20	33
1x4.00	56/0.31	2.75	4.70/4.80	0.32	3.70	42
1x6.00	84/0.31	3.30	3.10/3.20	0.32	4.30	61
1x10.00	80/0.41	4.50	1.82/1.85	0.48	6.00	108
1x16.00	126/0.41	6.30	1.16/1.18	0.52	7.90	170
1x25.00	196/0.41	7.80	0.74/0.76	0.52	9.40	265

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYW-A

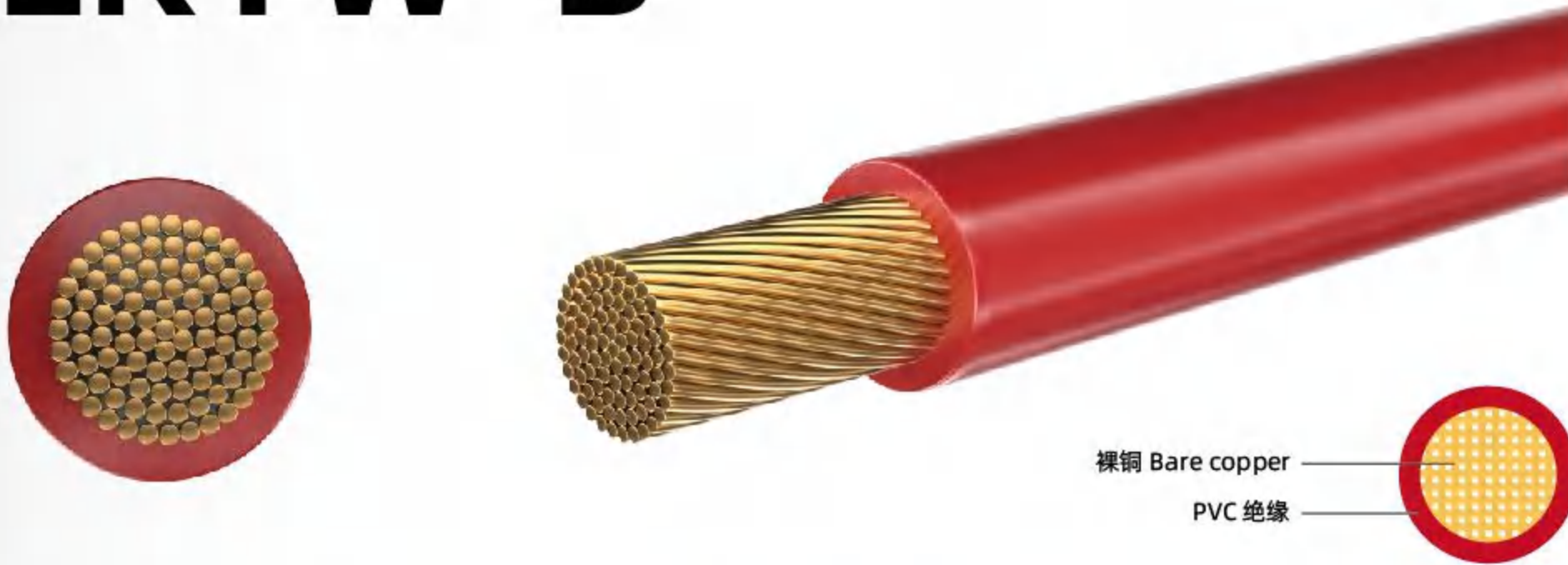


应用	APPLICATIONS
单芯 PVC 绝缘应用于汽车的低张力电缆。	Single-core PVC insulation for low tension cables in automobiles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: PVC 标准: ISO 6722 Class C	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: PVC Standard: ISO 6722 Class C
特殊属性	SPECIAL PROPERTIES
耐热电缆 适于发动机舱内	Heat-resistant cable for engine compartment
技术参数	TECHNICAL PARAMETERS
操作温度: -50°C to +125°C	Operating temperature: -50°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation			
	股数 / 直径 Number of strands / diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	7/0.26	0.8	54.4	0.20	1.2	1.3	5
1x0.50	19/0.19	1.0	37.1	0.22	1.4	1.6	7
1x0.75	19/0.23	1.2	24.7	0.24	1.7	1.9	9
1x1.00	19/0.26	1.35	18.5	0.24	1.9	2.1	11
1x1.25	19/0.30	1.7	14.9	0.24	2.1	2.3	12
1x1.50	19/0.32	1.7	12.7	0.24	2.2	2.4	16
1x2.00	19/0.38	2.0	9.42	0.28	2.5	2.8	22

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYW-B

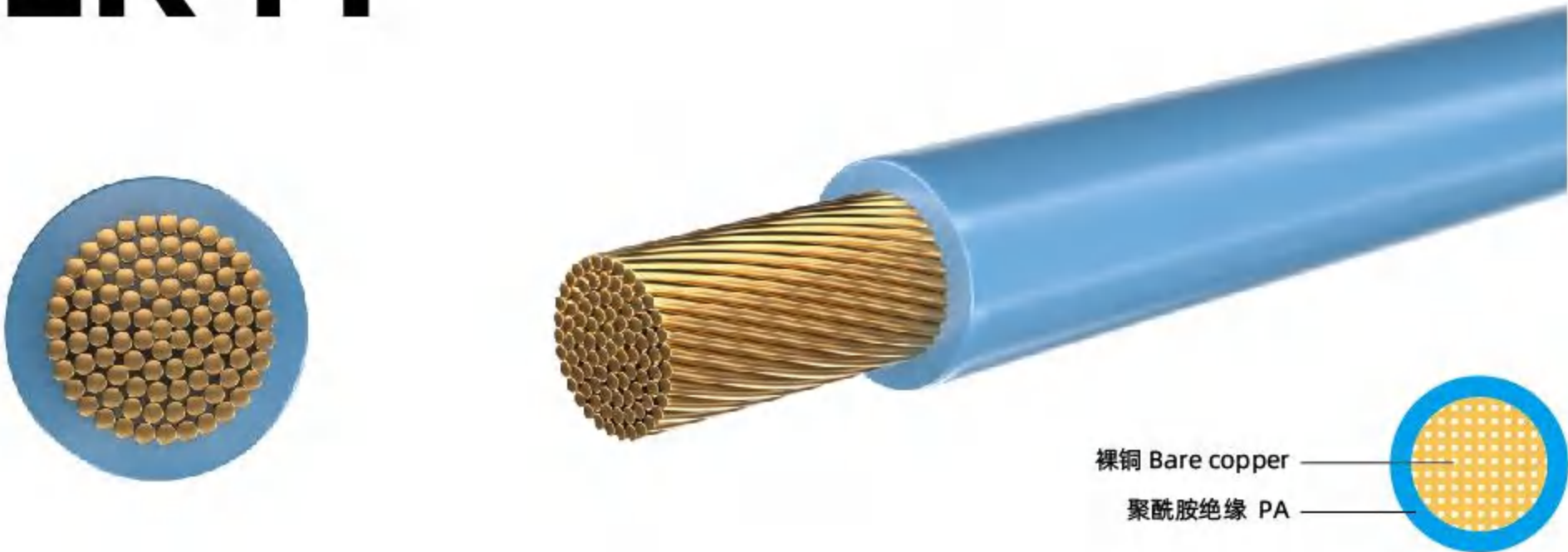


应用	APPLICATIONS
单芯 PVC 绝缘应用于汽车的低张力电缆。	Single-core PVC insulation for low tension cables in automobiles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: PVC 标准: ISO 6722 Class C	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: PVC Standard: ISO 6722 Class C
特殊属性	SPECIAL PROPERTIES
耐热, 阻燃, 高灵活性电缆 柔软导体与PVC薄壁绝缘提供机械强度	Heat resistant, flame retardant, high flexibility cable, soft conductor with PVC thin wall insulation provides mechanical strength
技术参数	TECHNICAL PARAMETERS
操作温度: -50°C to +125°C	Operating temperature: -50°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation		成缆 / Cabling	
	股数 / 直径 Number of strands / diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	12 /0.21	0.9	54.4	0.2	1.2	1.4	5
1x0.50	16/0.21	1.0	37.1	0.22	1.4	1.6	6
1x0.75	24/0.21	1.2	24.7	0.24	1.7	1.9	9
1x1.00	32/0.21	1.35	18.5	0.24	1.9	2.1	11
1x1.25	16/0.33	1.7	14.9	0.24	2.1	2.3	12
1x1.50	30/0.26	1.7	12.7	0.24	2.2	2.4	17
1 x2.00	28/0.31	2.0	9.42	0.28	2.5	2.8	24
1 x2.50	50/0.26	2.2	7.6	0.28	2.7	3.0	28
1 x3.00	45/0.31	2.4	6.15	0.32	3.1	3.4	34
1 x4.00	56/0.31	2.75	4.71	0.32	3.4	3.7	44
1 x5.00	65/0.33	3.1	3.94	0.32	3.9	4.2	50
1 x6.00	84/0.31	3.3	3.14	0.32	4.0	4.3	64
1 x8.00	50/0.46	4.3	2.38	0.32	4.6	5.0	82
1 x10.00	38/0.41	4.5	1.82	0.48	5.4	5.8	113
1 x12.00	96/0.41	5.4	1.52	0.48	5.8	6.5	120
1 x16.00	126/0.41	5.5	1.16	0.52	6.5	7.0	171
1 x20.00	152/0.41	6.9	0.955	0.52	7.0	7.8	192
1 x25.00	196/0.41	7.0	0.743	0.52	7.9	8.7	255

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR4Y

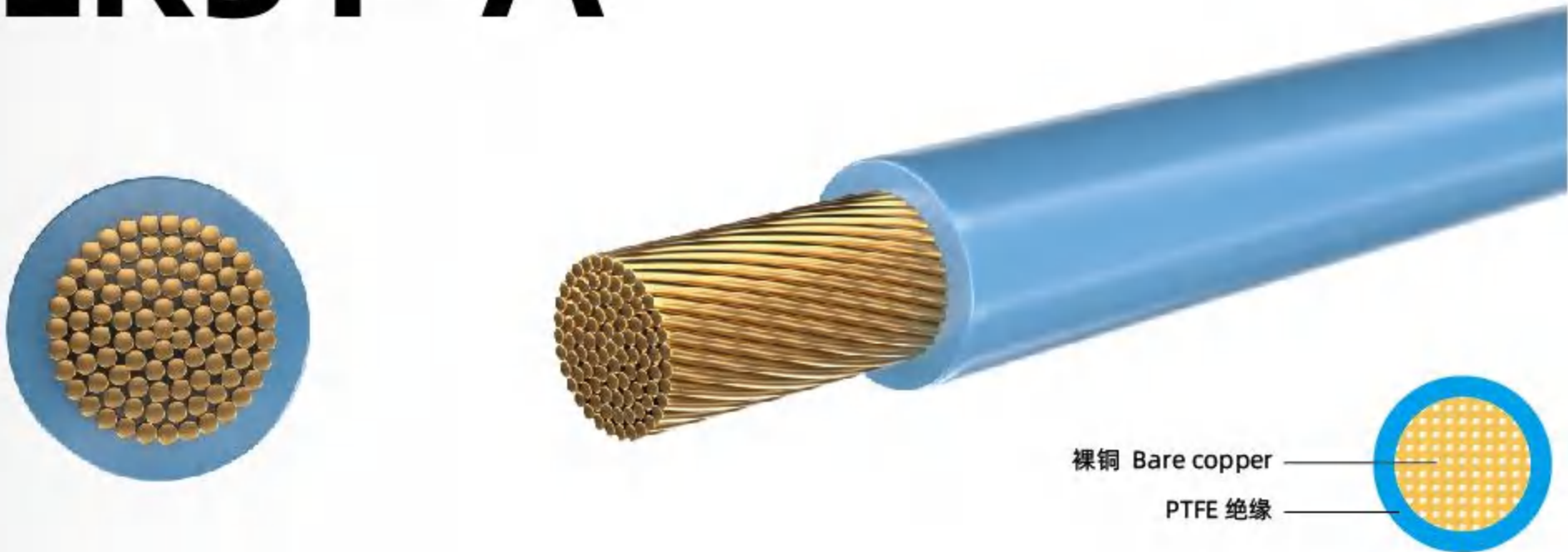


应用	APPLICATIONS
单芯 PA 绝缘线用于汽车，摩托车及其他机动车辆，特别适合作燃油表线，此类线耐汽油和柴油。	Single-core PA insulated wires are used in automobiles, motorcycles and other motor vehicles, especially suitable for use as fuel gauge wires, which are resistant to gasoline and diesel.
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
绝缘: PA	Insulation: PA
标准: ISO 6722 Class B	Standard: ISO 6722 Class B
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to 105°C	Operating temperature: -40°C to 105°C

电缆结构表 CABLE STRUCTURE TABLE						
标称导体截面积 Nominal guide The body of the Cross area (mm ²)	导体/Conductor			绝缘/Insulation	成缆/Cabling	
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper(mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
FLR4Y-A						
1x0.35	7/0.26	0.80	52.00/54.50	0.20	1.30	4
1x0.50	19/0.19	1.00	37.10/38.20	0.22	1.60	6
1x0.75	19/0.23	1.20	24.70/25.40	0.24	1.90	8
1x1.00	19/0.26	1.35	18.50/19.10	0.24	2.10	11
1x1.50	19/0.32	1.70	12.70/13.00	0.24	2.40	15
1x2.50	19/0.41	2.20	7.60/7.80	0.28	3.00	24
FLR4Y-B						
1x0.35	12/0.21	0.90	52.00/54.50	0.20	1.40	4
1x0.50	16/0.21	1.00	37.10/38.20	0.22	1.60	6
1x0.75	24/0.21	1.20	24.70/25.40	0.24	1.90	8
1x1.00	32/0.21	1.35	18.50/19.10	0.24	2.10	11
1x1.50	30/0.26	1.70	12.70/13.00	0.24	2.40	15
1x2.50	50/0.26	2.20	7.60/7.80	0.28	3.00	24
1x4.00	56/0.31	2.75	4.70/4.80	0.32	3.70	40

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR5Y-A

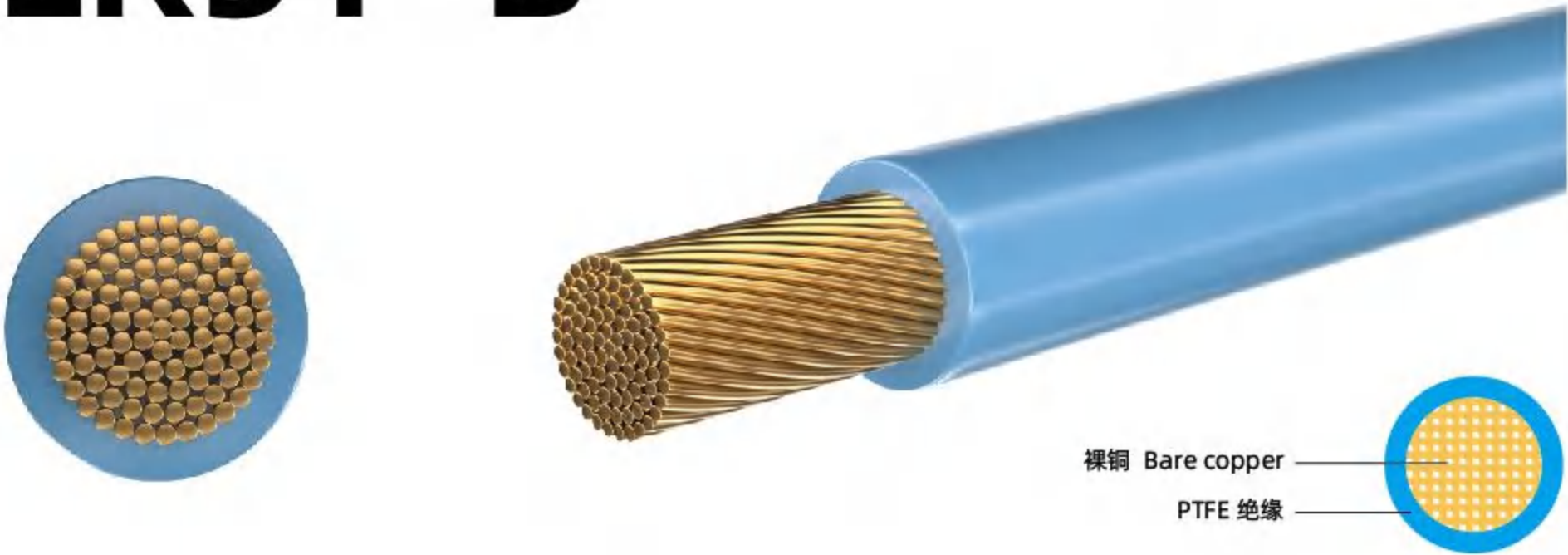


应用	APPLICATIONS
单芯 PTFE 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路	Single-core PTFE automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602
绝缘: PTFE	Insulation:PTFE
标准:ISO 6722 Class H	Standard:ISO 6722 Class H
特殊属性	SPECIAL PROPERTIES
好的耐化学性 良好的机械稳定性	Good chemical resistance, good mechanical stability
技术参数	TECHNICAL PARAMETERS
操作温度: -90°C to +260°C	Operating temperature: -90°C to +260°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm ²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x 0.22	7/0.21	0.7	87.9	0.20	1.1	1.2	3
1x 0.35	7/0.27	0.8	56.8	0.20	1.25	1.35	5
1x 0. 5	19/0.19	1.0	38.6	0.22	1.4	1.6	6
1x 0. 75	19/0.24	1.2	25.7	0.24	1.7	1.9	10
1x1	19/0.27	1.35	19.3	0.24	1.75	1.95	11
1x 1.5	19/0.33	1.7	13.2	0.24	2.1	2.3	17
1x 2.5	19/0.41	2.2	7.92	0.28	2.5	2.8	25

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR5Y-B

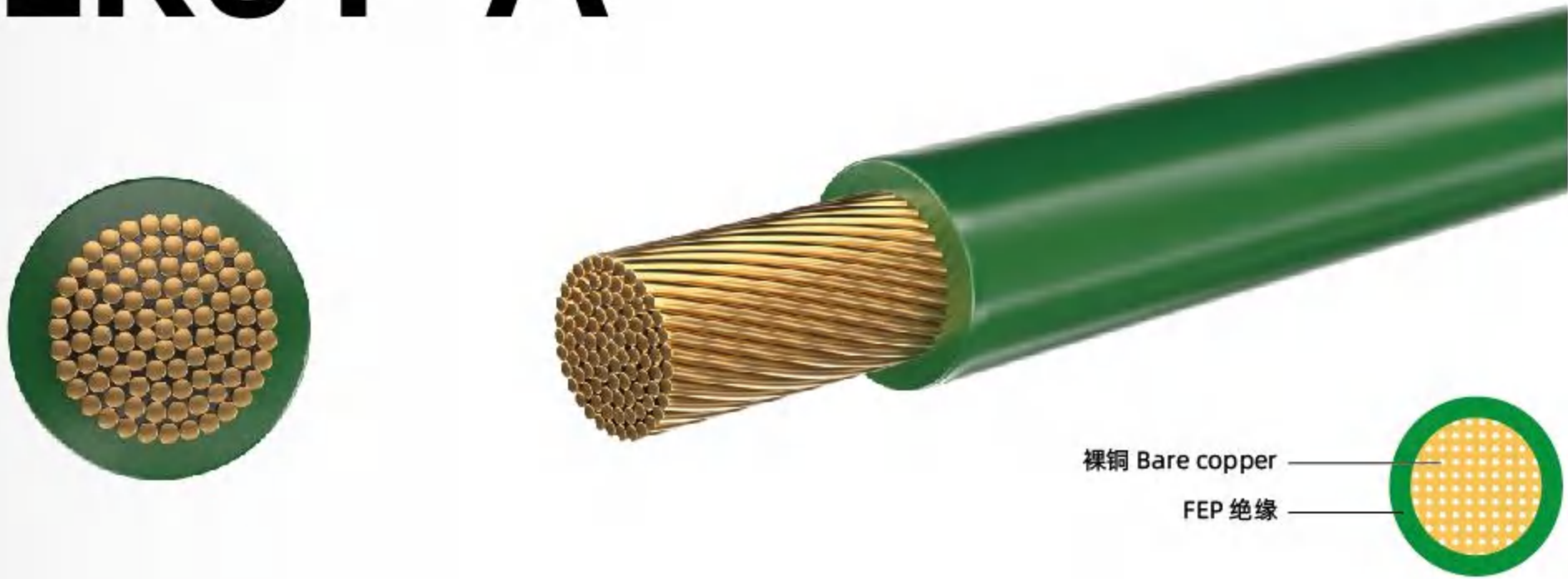


应用	APPLICATIONS
单芯 PTFE 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路。	Single-core PTFE automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: PTFE 标准:ISO 6722 Class H	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation:PTFE Standard: ISO 6722 Class H
特殊属性	SPECIAL PROPERTIES
好的耐化学性 良好的机械稳定性	Good chemical resistance, good mechanical stability
技术参数	TECHNICAL PARAMETERS
操作温度: -90°C to +260°C	Operating temperature: -90°C to +260°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x 0.35	12/0.21	0.9	87.9	0.20	1.25	1.35	5
1x 0.5	16/0.21	1.0	56.8	0.22	1.4	1.6	6
1x 0.75	24/0.21	1.2	38.6	0.24	1.7	1.9	9
1x1	32/0.21	1.4	25.7	0.24	1.75	1.95	11
1x 1.5	30/0.26	1.7	19.3	0.24	2.1	2.3	16
1x 2.5	50/0.26	2.2	13.2	0.28	2.5	2.8	26
1x 4	56/0.31	2.75	4.91	0.32	3.05	3.35	40
1x 6	84/0.31	3.4	3.27	0.32	3.85	4.15	61

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR6Y-A



应用	APPLICATIONS
单芯 FEP 绝缘线缆用于汽车，摩托车和其他机动车辆，特别适合于发动机舱内用线。	Single-core FEP insulated cables are used in automobiles, motorcycles and other motor vehicles, especially suitable for engine bay cables.
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准 绝缘: FEP 标准:ISO 6722 Class F	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602 Insulation: FEP Standard: ISO 6722 Class F
特殊属性	SPECIAL PROPERTIES
良好的热性能	Good thermal performance
技术参数	TECHNICAL PARAMETERS
操作温度: -65°C to +210°C	Operating temperature: -65°C to +210°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/ km)
1x 0.35	7/0.26	0.8	54.4/55.5	0.2	1.2	1.3	4
1x 0.5	19/0.19	1.0	37.1/38.2	0.22	1.4	1.6	7
1x 0.75	19/0.23	1.2	24.7/25.4	0.24	1.7	1.9	9
1x1	19/0.26	1.35	18.5/19.1	0.24	1.9	2.1	12
1x 1.5	19/0.32	1.7	12.7/13.0	0.24	2.2	2.4	17
1x 2.5	19/0.41	2.2	7.6/7.82	0.28	2.7	3.0	27

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR6Y-B



应用	APPLICATIONS
单芯 FEP 绝缘线缆用于汽车, 摩托车和其他机动车辆, 特别适合于发动机舱内用线。	Single-core FEP insulated cables are used in automobiles, motorcycles and other motor vehicles, especially suitable for engine bay cables.

结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
绝缘: FEP	Insulation: FEP
导体: ISO 6722 Class F	Standard: ISO 6722 Class F

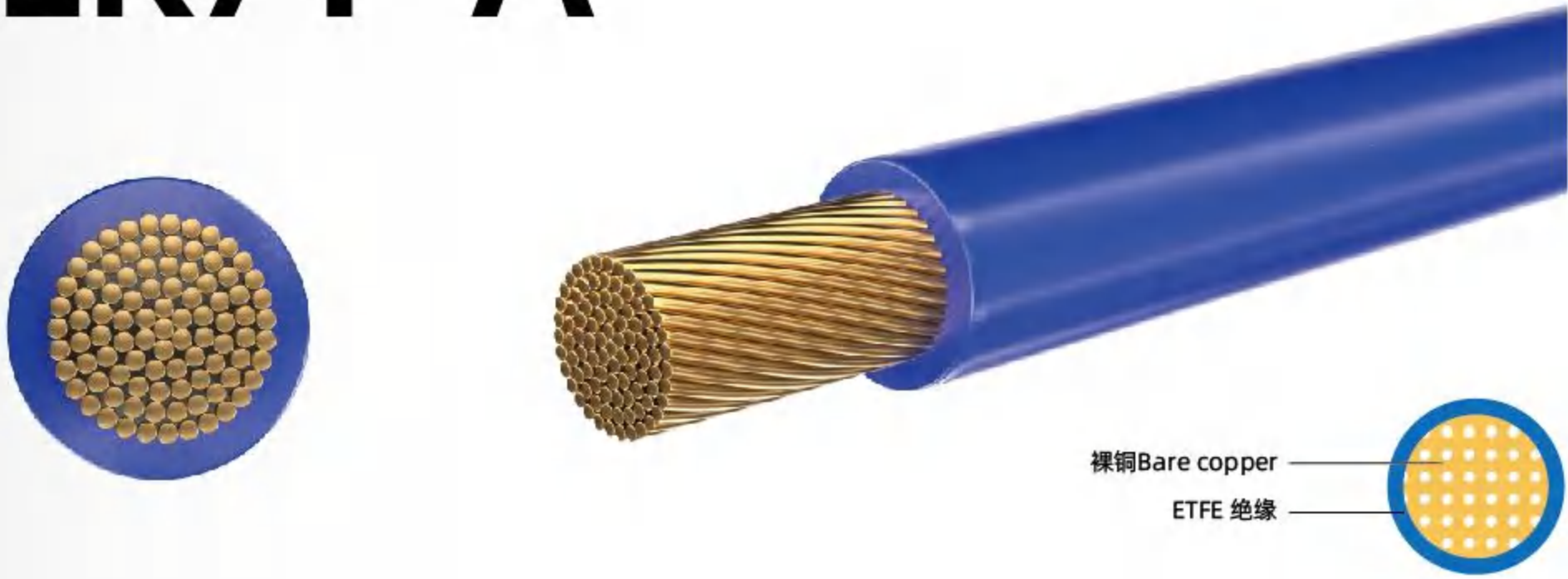
特殊属性	SPECIAL PROPERTIES
良好的热性能	Good thermal performance

技术参数	TECHNICAL PARAMETERS
操作温度: -65°C to +210°C	Operating temperature: -65°C to +210°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)		最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	12/0.21	0.9	54.4/55.5	0.2	1.2	1.4	5
1x0.5	16/0.21	1.0	37.1/38.2	0.22	1.4	1.6	6
1x0.75	24/0.21	1.2	24.7/24.4	0.24	1.7	1.9	9
1x1	32/0.21	1.35	18.5/19.1	0.24	1.9	2.1	12
1x1.5	30/0.26	1.7	12.7/13.0	0.24	2.2	2.4	17
1x2.5	50/0.26	2.2	7.6/7.82	0.28	2.7	3.0	28
1x4	56/0.31	2.75	4.71/4.85	0.32	3.4	3.7	41
1x6	81/0.31	3.3	3.14/3.14	0.32	4.0	4.3	62

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR7Y-A



应用	APPLICATIONS
单芯 ETFE 绝缘线缆用于汽车, 它具有良好的机械性能, 热性能和优异的耐腐蚀性, 此线特别适用于发动机舱内用线。	Single core ETFE insulated cable for automotive, it has good mechanical properties, thermal properties and excellent corrosion resistance, this line is especially suitable for the engine cabin line.

结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
绝缘: ETFE	Insulation: ETFE
标准: ISO 6722 Class E	Standard: ISO 6722 Class E

特殊属性	SPECIAL PROPERTIES
高耐酸, 碱液, 汽油, 柴油 良好的耐化学性 良好的机械和热性能	High resistance to acid, lye, gasoline, diesel, good chemical resistance, good mechanical and thermal properties

技术参数	TECHNICAL PARAMETERS
操作温度: -45°C to +180°C	Operating temperature: -45°C to +180°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)		最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	7/0.23	0.8	52/53.5	0.20	1.2	1.3	5
1x0.5	19/0.19	1.0	37.1/38.2	0.22	1.4	1.6	6
1x0.75	19/0.23	1.2	24.7/25.4	0.24	1.7	1.9	9
1x1	19/0.26	1.35	18.5/19.1	0.24	1.9	2.1	11
1x1.5	19/0.32	1.7	12.7/13.0	0.24	2.2	2.4	17
1x2.5	19/0.41	2.2	7.6/7.82	0.28	2.7	3.0	25

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR7Y-B

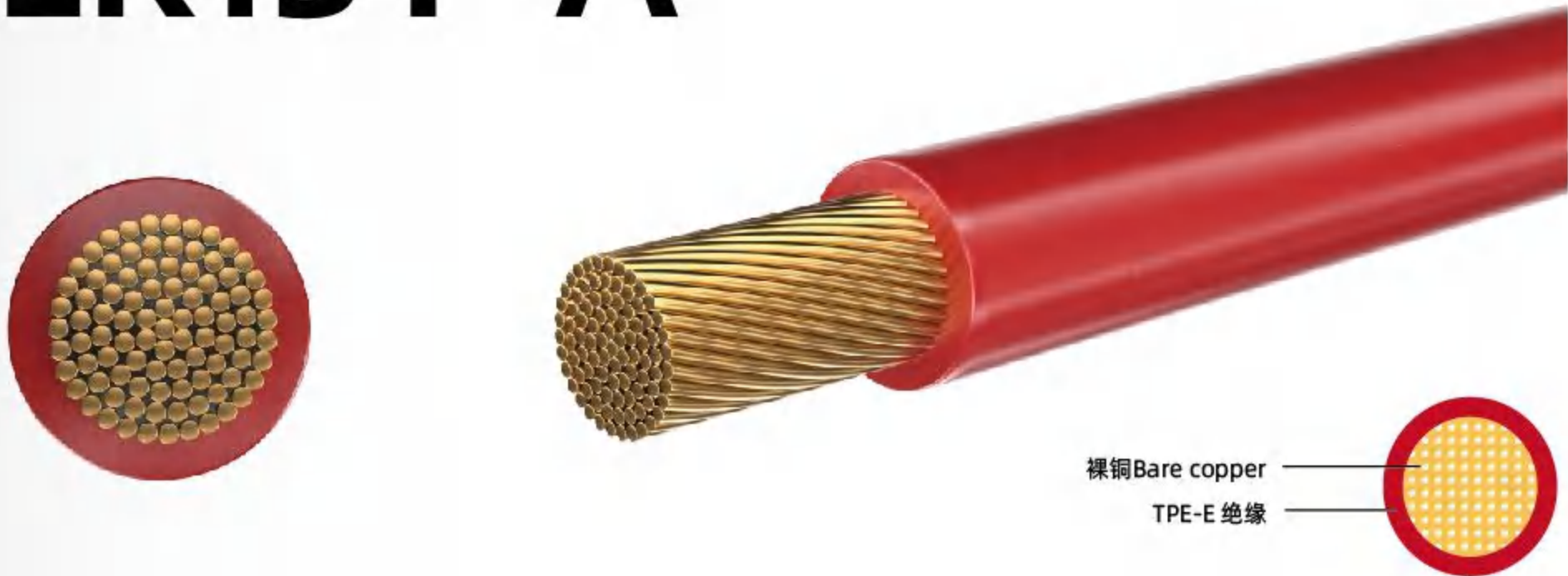


应用	APPLICATIONS
单芯 ETFE 绝缘线缆用于汽车，它具有良好的机械性能，热性能和优异的耐腐蚀性，此线特别适用于发动机舱内用线。	Single core ETFE insulated cable for automotive, it has good mechanical properties, thermal properties and excellent corrosion resistance, this line is especially suitable for the engine cabin line.
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准 绝缘: ETFE 标准: ISO 6722 Class E	Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602 Insulation: ETFE Standard: ISO 6722 Class E
特殊属性	SPECIAL PROPERTIES
高耐酸，碱液，汽油，柴油 良好的耐化学性 良好的机械和热性能	High resistance to acid, lye, gasoline, diesel, good chemical resistance, good mechanical and thermal properties
技术参数	TECHNICAL PARAMETERS
操作温度: -45°C to +180°C	Operating temperature: -45°C to +180°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.35	12/0.21	0.9	54/55.5	0.2	1.2	1.4	5
1x0.5	16/0.21	1.0	37.1/38.2	0.22	1.4	1.6	7
1x0.75	24/0.21	1.2	24.7/25.4	0.24	1.7	1.9	10
1x1	32/0.21	1.35	18.5/19.1	0.24	1.9	2.1	12
1x1.5	30/0.26	1.7	12.7/13.0	0.24	2.2	2.4	18
1x2.5	50/0.26	2.2	7.6/7.82	0.28	2.7	3.0	30
1x4	56/0.31	2.75	4.71/4.85	0.32	3.4	3.7	42
1x6	84/0.31	3.3	3.14	0.32	4.0	4.3	62

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR13Y-A

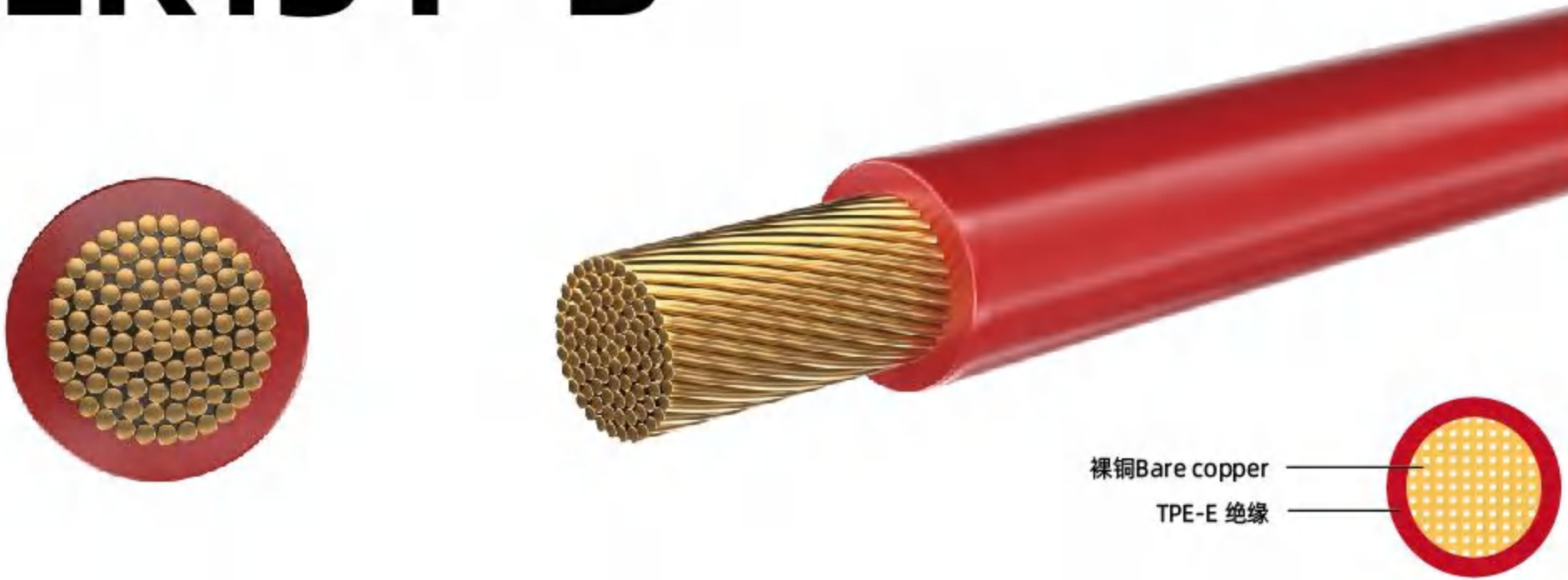


应用	APPLICATIONS
单芯 TPE-E 绝缘线用于汽车行业，它具有良好的机械性能，热性能和优异的耐腐蚀性。	Single-core TPE-E insulated wire is used in the automotive industry, it has good mechanical properties, thermal properties and excellent corrosion resistance.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: TPE-E 标准: ISO 6722 Class D	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: TPE-E Standard: ISO 6722 Class D
特殊属性	SPECIAL PROPERTIES
有限的水解性	Limited hydrolyzability
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +150°C	Operating temperature: -40°C to +150°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x 0.22	7/0.21	0.7	84.8	0.2	1.1	1.2	3
1x 0.35	7/0.26	0.8	52	0.2	1.2	1.6	5
1x 0.5	19/0.19	1.0	37.1	0.22	1.4	1.6	6
1x 0.75	19/0.23	1.2	24.7	0.24	1.7	1.9	9
1x1	19/0.26	1.35	18.5	0.24	1.9	2.1	11
1x 1.5	19/0.32	1.7	12.7	0.24	2.2	2.4	17
1x 2	19/0.37	2.0	9.42	0.28	2.5	2.8	21
1x 2.5	19/0.41	2.2	7.6	0.28	2.7	3.0	26

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR13Y-B



应用	APPLICATIONS
单芯 TPE-E 绝缘线用于汽车行业，它具有良好的机械性能，热性能和优异的耐腐蚀性。	Single-core TPE-E insulated wire is used in the automotive industry, it has good mechanical properties, thermal properties and excellent corrosion resistance.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: TPE-E 标准: ISO 6722 Class D	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: TPE-E Standard: ISO 6722 Class D
特殊属性	SPECIAL PROPERTIES
有限的水解性	Limited hydrolyzability
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +150°C	Operating temperature: -40°C to +150°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x 0.35	12/0.21	0.9	52.0	0.20	1.2	1.4	5
1x 0.5	16/0.21	1.0	37.1	0.22	1.4	1.6	6
1x 0.75	24/0.21	1.2	24.7	0.24	1.7	1.9	9
1x1	32/0.21	1.35	18.5	0.24	1.9	2.1	12
1x 1.5	30/0.26	1.7	12.7	0.24	2.2	2.4	16
1x 2	30/0.31	2.0	9.42	0.28	2.5	2.8	23
1x 2.5	50/0.26	2.2	7.6	0.28	3.7	3.0	26
1x4	56/0.31	2.75	4.71	0.32	3.4	3.7	41
1x6	84/0.31	3.3	3.14	0.32	4.0	4.3	60

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYWK&FLRYWK



应用	APPLICATIONS
单芯 PVC 汽车电缆应用于摩托车等机动车辆的启动, 充电, 照明, 信号及仪表盘电路。	Single-core PVC automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: 增塑PVC(耐冷和耐热) 标准: ISO 6722 Class B	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: Plasticized PVC(cold and heat resistant) Standard: ISO 6722 Class B
特殊属性	SPECIAL PROPERTIES
在-50°C下冷弯曲试验根据ISO6722 短期老化和长期老化试验根据ISO6722, B级。 柔软导体PVC超薄壁体绝缘增加的机械强度	Cold bending test at -50°C according to ISO6722, short-term aging test and long-term aging test according to ISO6722, Class B, soft conductor PVC ultra-thin-walled body insulation increases the mechanical strength
技术参数	TECHNICAL PARAMETERS
操作温度: -50°C to +105°C	Operating temperature: -50°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.5	16/0.20	1.0	37.1	0.28	1.4	1.6	6
1x0.75	24/0.20	1.2	24.7	0.3	2.2	2.5	33
1x1.00	32/0.20	1.4	18.5	0.3	1.8	2.1	57
1x1.50	30/0.25	1.7	12.7	0.3	2.2	2.4	111
1x2.50	50/0.25	2.1	7.6	0.35	3.3	3.7	278

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYOY/FLYKOY



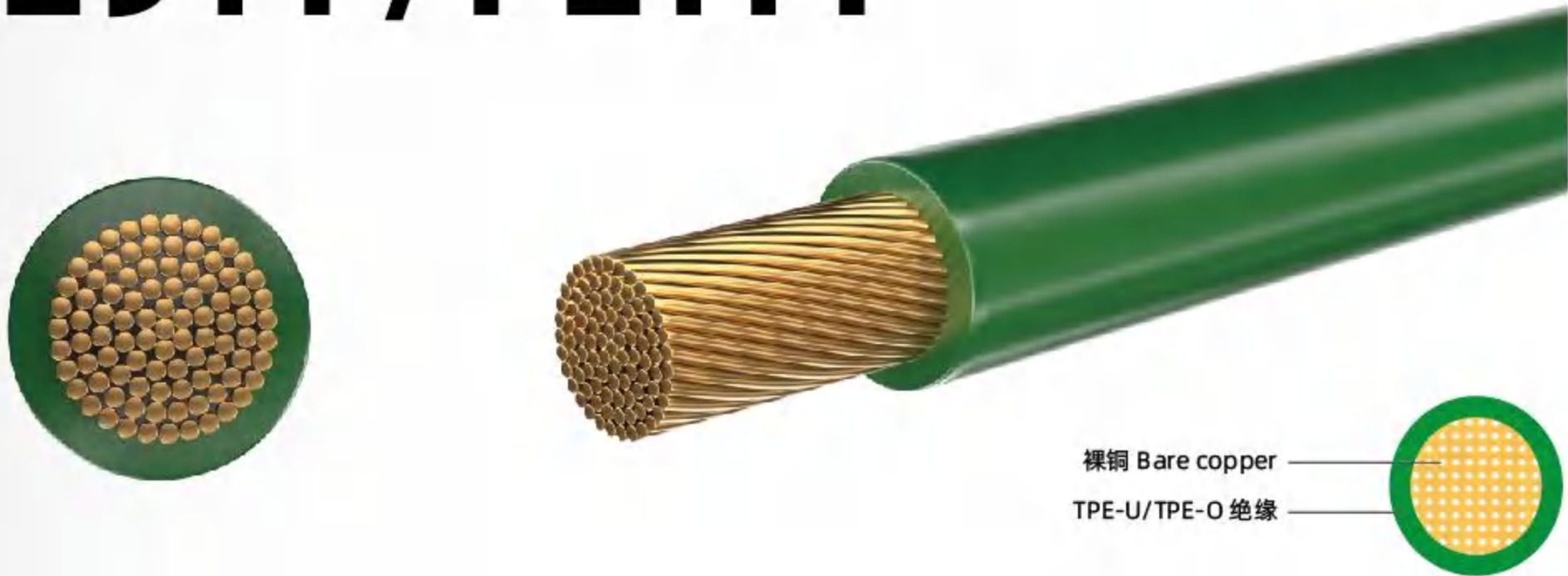
PVC 护套
裸铜 Bare copper
PVC 绝缘

应用	APPLICATIONS
单芯 PVC 汽车电缆应用于摩托车等机动车辆的启动, 充电, 照明, 信号及仪表盘电路。	Single-core PVC automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: PVC 屏蔽: PVC, 无铅 标准: ISO 6722 Class B	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: PVC Shielding: PVC, lead-free Standard: ISO 6722 Class B
特殊属性	SPECIAL PROPERTIES
耐冷, 阻燃, 好的灵活性 柔软导体PVC超薄壁体绝缘增加的机械强度	Cold resistance, flame retardant, good flexibility, soft conductor PVC ultra-thin-walled body insulation increased mechanical strength
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +105°C	Operating temperature: -40°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE								
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x4	56/0.31	2.75	4.7	0.8	2.0	8.0	8.4	123
1x6	84/0.31	3.3	3.1	0.8	2.0	8.6	9.0	149
1x10	80/0.41	4.5	1.82	1.0	3.0	12.2	12.8	267
1x16	126/0.41	6.3	1.16	1.0	2.0	11.5	12.1	279
1x50	396/0.41	10.5	0.368	0.8	1.4	14.5	15.1	587
1x50	1600/0.21	10.9	0.386	0.8	1.4	14.5	15.1	592
1x70	2200/0.21	13.3	0.272	1.0	1.6	17.5	18.3	870

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FL91Y/FL11Y



裸铜 Bare copper
TPE-U/TPE-O 绝缘

应用	APPLICATIONS
单芯 TPE 汽车电缆应用于摩托车等机动车辆的启动, 充电, 照明, 信号及仪表盘电路。	Single-core TPE automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: TPE-U (FL11Y) TPE-O (FL91Y) 标准: ISO 6722 Class B (FL11Y) ISO 6722 Class C (FL91Y)	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: TPE-U (FL11Y) TPE-O (FL91Y) Standard: ISO 6722 Class B (FL11Y) ISO 6722 Class C (FL91Y)
特殊属性	SPECIAL PROPERTIES
阻燃 可作为铝电池电缆	Flame retardant, can be used as aluminum battery cable
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +110°C (FL11Y) -40°C to +125°C (FL91Y)	Operating temperature: -40°C to +110°C (FL11Y) -40°C to +125°C (FL91Y)

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x6	84/0.31	3.3	3.1	0.8	4.6	5.0	73
1x10	80/0.41	4.5	1.82	1.0	6.0	6.5	120
1x16	126/0.41	6.3	1.16	1.0	7.0	8.1	177
1x25	196/0.41	7.8	0.74	1.3	8.7	10.2	275
1x35	276/0.41	9.0	0.53	1.3	10.0	10.7	373
1x50	400/0.41	10.5	0.37	1.5	11.9	13.0	541
1x70	560/0.41	12.5	0.30	1.5	14.0	15.0	734
1x95	740/0.41	14.8	0.20	1.6	15.4	16.2	956
1x120	960/0.41	16.5	0.15	1.6	18.7	19.7	1218

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYDY



应用	APPLICATIONS
单芯 PVC 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路	Single-core PVC automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 DIN EN13602 标准 绝缘: PVC 屏蔽: 铜丝缠绕 护套: PVC 标准: ISO 6722 Class B	Conductor: Cu-ETP1 bare copper conductor conforms to DIN EN13602 Insulation: PVC Shielding: copper wire winding Sheath: PVC Standard: ISO 6722 Class B
特殊属性	SPECIAL PROPERTIES
耐冷，阻燃，好的灵活性 柔软导体PVC超薄壁绝缘增加的机械强度	Cold resistance, flame retardant, good flexibility, soft conductor PVC ultra-thin-walled body insulation increased mechanical strength
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +105°C	Operating temperature:-40°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE									
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling			
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.75	24/0.21	1.2	24.7	0.3	1.75	0.3	2.5	2.7	20
1x1.00	32/0.21	1.35	18.5	0.3	1.95	0.3	2.7	2.9	23
1x1.50	30/0.26	1.7	12.7	0.3	2.25	0.3	3.0	3.2	29

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLALRY



应用	APPLICATIONS
单芯PVC绝缘汽车线应用于通信接线线和电子产品。	Single-core PVC insulated automotive wire is used in communication connections and electronic products.
结构	STRUCTURE
导体: 铜 99.7%≥1.25 mm² 铜 alloy < 1.25 mm² 绝缘: PVC 标准: ISO 6722 Class B	Conductor: copper 99.7%≥1.25 mm² copper alloy < 1.25 mm² Insulation: PVC Standard: ISO 6722 Class B
特殊属性	SPECIAL PROPERTIES
横截面大于10 mm²可作为电池用电线 与铜相比大大减轻重量	A cross-section greater than 10 mm2 can be used as a battery cable, which greatly reduces weight compared to copper
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +105°C	Operating temperature: -40°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.75	11/0.3	1.3	43.6	0.24	1.7	1.9	4
1x1.00	16/0.29	1.5	32.7	0.24	1.9	2.1	5
1x1.25	16/0.32	1.7	24.8	0.24	2.1	2.3	6
1x1.50	16/0.35	1.8	21.2	0.24	2.2	2.4	7
1x2.0	15/0.42	2.0	15.7	0.28	2.5	2.8	9
1x2.5	19/0.43	2.2	12.7	0.28	2.7	3.0	12
1x3.0	23/0.42	2.4	10.2	0.32	3.1	3.4	14
1x4.0	30/0.42	2.8	7.85	0.32	3.4	3.7	17
1x5.0	36/0.42	3.1	6.57	0.32	3.9	4.2	19
1x6.0	45/0.42	3.4	5.23	0.32	4.0	4.3	23
1x8.0	59/0.42	4.3	3.97	0.32	4.6	5.0	29
1x10.0	50/0.52	4.5	3.03	0.48	5.3	6.0	43
1x12.0	60/0.52	5.4	2.53	0.48	5.8	6.5	50
1x16.0	78/0.52	5.8	1.93	0.52	6.4	7.2	63

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLALRYW



铝导体 Aluminium conductor
PVC 绝缘

应用

单芯PVC绝缘汽车线应用于发动机舱内。

APPLICATIONS

Single-core PVC insulated automotive wire is used in the engine compartment.

结构

导体: 铜 99.7%≥1.25 mm² 铜合金 < 1.25 mm²
绝缘: PVC
标准: ISO 6722 Class C

STRUCTURE

Conductor: Copper 99.7%≥1.25 mm² Copper alloy < 1.25 mm²
Insulation: PVC
Standard: ISO 6722 Class C

特殊属性

热耐压
与铜相比大大减轻重量

SPECIAL PROPERTIES

Thermal pressure resistance, compared with copper greatly reduced weight

技术参数

操作温度: -40°C to +125°C

TECHNICAL PARAMETERS

Operating temperature: -40°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling	
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.75	11/0.3	1.3	43.6	0.24	1.7	1.9	4
1x1.00	16/0.29	1.5	32.7	0.24	1.9	2.1	5
1x1.25	16/0.32	1.7	24.8	0.24	2.1	2.3	6
1x1.50	16/0.35	1.8	21.2	0.24	2.2	2.4	7
1x2.0	15/0.4	2.0	15.7	0.28	2.5	2.8	9
1x2.5	19/0.43	2.2	12.7	0.28	2.7	3.0	12
1x3.0	23/0.42	2.4	10.2	0.32	3.1	3.4	14
1x4.0	30/0.42	2.8	7.85	0.32	3.4	3.7	17
1x5.0	36/0.42	3.1	6.57	0.32	3.9	4.2	19
1x6.0	45/0.42	3.4	5.23	0.32	4.0	4.3	23
1x8.0	59/0.42	4.3	3.97	0.32	4.6	5.0	29
1x10.0	50/0.52	4.5	3.03	0.48	5.3	6.0	43
1x12.0	60/0.52	5.4	2.53	0.48	5.8	6.5	50
1x16.0	78/0.522	5.8	1.93	0.52	6.4	7.2	63

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLYY



裸铜或镀锡铜导体 Bare copper or tinned copper conductor
聚氯乙烯绝缘 PVC
聚氯乙烯护套 PVC

应用

多芯 PVC 绝缘, PVC 护套低压线缆用于汽车, 摩托车及其他机动车辆。

APPLICATIONS

Multi-core PVC insulated, PVC sheathed low-voltage cables are used in automobiles, motorcycles and other motor vehicles.

结构

导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准

绝缘: PVC
护套: PVC
标准: ISO 6722 Class B

STRUCTURE

Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
Insulation: PVC
Sheath: PVC
Standard: ISO 6722 Class B

技术参数

操作温度: -40 °C to +105 °C

TECHNICAL PARAMETERS

Operating temperature: -40 °C to +105 °C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling			
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C Bare copper/ tinned copper(mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2x 0.50	16/0.21	1.00	37.10/38.20	0.50	1.75	0.50	4.30	4.70	31
2x 0.75	24/0.21	1.20	24.70/25.40	0.60	2.30	0.50	5.40	5.80	48
2x 1.00	32/0.21	1.35	18.50/19.10	0.60	2.50	0.80	6.40	6.80	65
2x 1.50	30/0.26	1.70	12.70/13.00	0.60	2.75	0.90	7.00	7.50	83
3x 0.50	16/0.21	1.00	37.10/38.20	0.50	2.10	0.60	5.80	6.20	53
3x 0.75	24/0.21	1.20	24.70/25.40	0.60	2.30	0.60	5.70	6.30	60
3x 1.00	32/0.21	1.35	18.50/19.10	0.60	2.50	0.90	6.90	7.50	81
3x 1.50	30/0.26	1.70	12.70/13.00	0.60	2.65	0.70	6.90	7.50	98

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

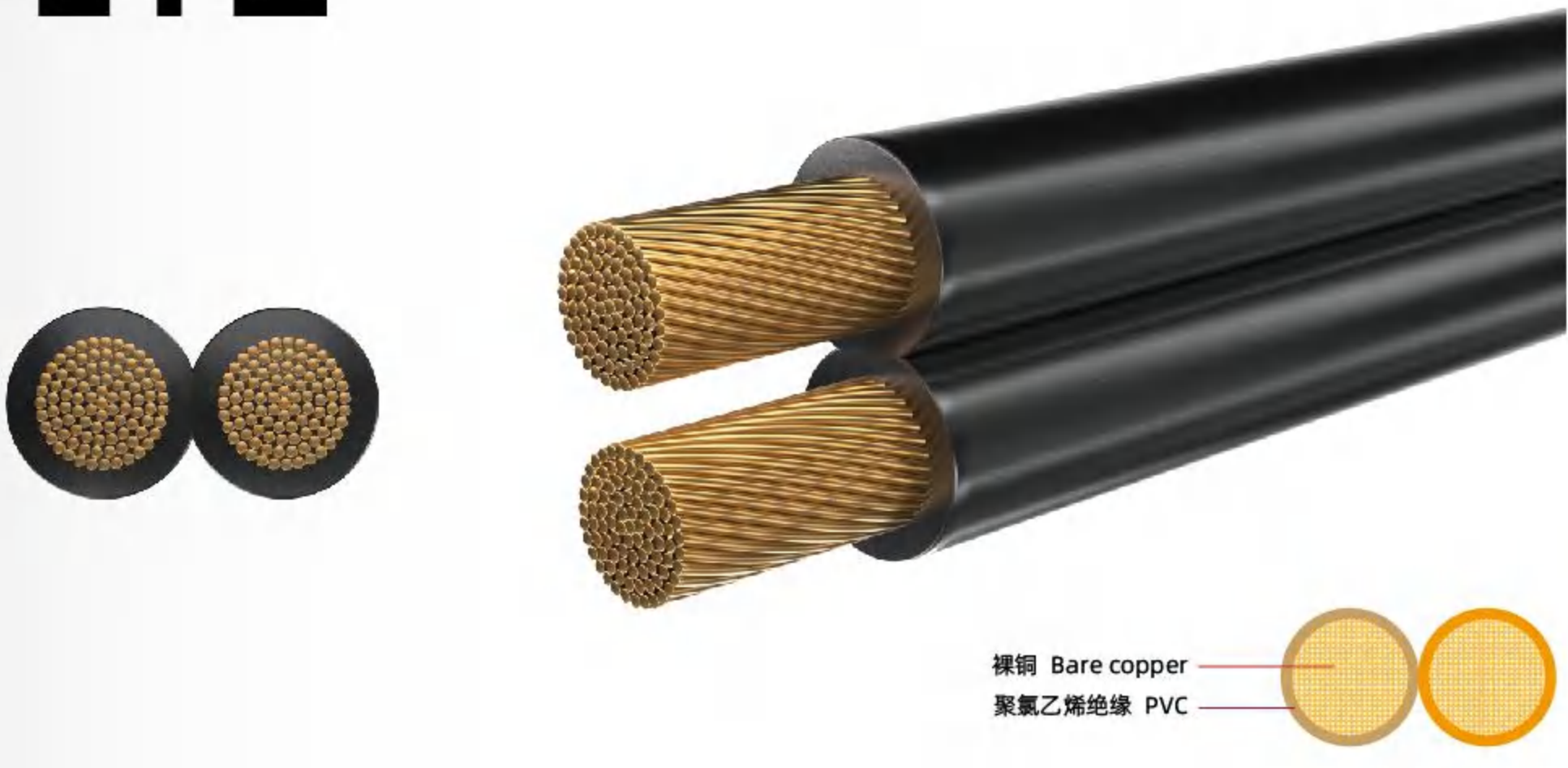
FLR13Y11Y



应用	APPLICATIONS
多芯 TPE-E 绝缘, TPE-U 屏蔽低压线缆应用于ABS系统, 它具有优良的耐磨性和更好的抗弯曲疲劳。	Multi-core TPE-E insulated, TPE-U shielded low-voltage cable used in ABS system, it has excellent wear resistance and better resistance to bending fatigue.
结构	STRUCTURE
导体: Cu-ETP1裸铜符合 DIN EN13602 的标准 绝缘: TPE-E 护套: TPE-U 标准: ISO 6722 Class C	Conductor: Cu-ETP1 bare copper according to DIN EN13602 Insulation: TPE-E Sheath: TPE-U Standard: ISO 6722 Class C
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +125 °C	Operating temperature: -40 °C to +125 °C

电缆结构表 CABLE STRUCTURE TABLE									
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆/Cabling			
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	最小绝缘厚度 Minimum insulation thickness(mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2 x 0.50	28/0.16	1.00	37.10	0.20	1.40	0.60	3.85	4.15	22
2 x 0.50	28/0.16	1.00	37.10	0.20	1.40	0.85	4.35	4.65	27
2 x 0.50	28/0.16	1.00	37.10	0.35	1.70	0.80	4.80	5.20	32
2 x 0.60	80/0.11	1.20	24.70	0.20	1.45	0.80	4.35	4.65	28
2 x 0.75	42/0.16	1.20	27.10	0.30	1.80	1.30	6.00	6.40	48
2 x 0.75	96/0.10	1.20	27.10	0.30	1.80	1.30	6.00	6.40	62
*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.									

FLYZ



应用	APPLICATIONS
多芯 PVC 绝缘线缆用于汽车内部布线, 具有灵活性高, 机械强度等要求。	Multi-core PVC insulated cables are used for automotive internal wiring, with high flexibility, mechanical strength and other requirements.
结构	STRUCTURE
导体: Cu-ETP1裸铜符合 DIN EN13602 的标准 绝缘: PVC 标准: ISO 6722 Class B	Conductor: Cu-ETP1 bare copper according to DIN EN13602 Insulation: PVC Standard: ISO 6722 Class B
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +105 °C	Operating temperature: -40 °C to +105 °C

电缆结构表 CABLE STRUCTURE TABLE								
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆/Cabling		
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	直径宽度 Diameter width (mm)	直径高度 Diameter height (mm)	重量 weight (kg/km)
2 x 0.50	16/0.21	1.00	37.10	0.50	2.10	4.40±0.20	2.10±0.15	20
2 x 0.75	24/0.21	1.20	24.70	0.60	2.35	4.70±0.30	2.35±0.15	23
2 x 1.00	32/0.20	1.50	19.50	0.60	2.55	5.10±0.30	2.60±0.15	32
2 x 1.50	48/0.26	1.70	12.70	0.60	2.80	5.60±0.30	2.80±0.15	39

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYB11Y



接地导体 Ground conductor
聚氯乙烯绝缘 PVC
裸铜 Bare copper
铝塑（聚氯乙烯）复合屏蔽 Aluminum-plastic (polyvinyl chloride) composite shielding
聚氨酯护套 Polyurethane sheath

应用

多芯 PVC 绝缘，PUR 护套低压线应用于汽车，它具有优良的耐磨性和更好的抗弯曲性。

结构

导体: Cu-ETP1 裸铜符合 DIN EN13602 的标准
绝缘: PVC
接地导线: 导电 PVC
屏蔽: 铝箔屏蔽的螺旋包裹, 铝塑（聚氯乙烯）复合屏蔽

护套: PUR
标准: ISO 6722 Class B

技术参数

操作温度: -40 °C to +105 °C

APPLICATIONS

Multi-core PVC insulated, PUR sheathed low pressure wire used in automobiles, it has excellent wear resistance and better bending resistance.

STRUCTURE

Conductor: Cu-ETP1 bare copper according to DIN EN13602
Insulation: PVC
Ground conductor: conductive PVC
Shielding: Spiral wrap of aluminum foil shielding, aluminum-plastic (polyvinyl chloride) composite shielding
Sheath: PUR
Standard: ISO 6722 Class B

TECHNICAL PARAMETERS

Operating temperature: -40 °C to +105 °C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation		成缆 / Cabling			
	股数 / 直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1 x0.35+(0.35)	7/0.26	0.80	52.00	0.25	1.25	0.60	3.90	4.30	21
2 x0.35+(0.35)	7/0.26	0.80	52.00	0.25	1.25	0.60	4.10	4.50	24
3 x0.35+(0.35)	7/0.26	0.80	52.00	0.25	1.25	0.60	4.40	4.80	30
4 x0.35+(0.35)	7/0.26	0.80	52.00	0.25	1.25	0.60	4.80	5.20	39
5 x0.35+(0.35)	7/0.26	0.80	52.00	0.25	1.25	0.60	5.40	5.80	46

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FL4G11Y



乙烯/乙烯基酸盐绝缘 EVA
镀锡铜导体 Tinned copper conductor
聚氨酯护套 PUR

应用

多芯 EVA 绝缘，PUR 护套线缆应用于 ABS 制动系统及发动机舱内布线，具有良好的柔韧性和弯曲强度。

结构

导体: Cu-ETP1 镀锡铜导体符合 DIN EN 13602 标准
绝缘: EVA
护套: PUR
护套颜色: 黑色
标准: ISO 6722 Calss C

特殊属性

良好的柔韧性和反向弯曲强度

技术参数

操作温度: -40 °C to +125 °C

APPLICATIONS

Multi-core EVA insulated, PUR sheathed cable used in ABS braking system and engine cabin wiring, with good flexibility and bending strength.

STRUCTURE

Conductor: Cu-ETP1 tinned copper conductor according to DIN EN 13602
Insulation: EVA
Sheath: PUR
Jacket color: black
Standard: ISO 6722 Calss C

SPECIAL PROPERTIES

Good flexibility and reverse bending strength

TECHNICAL PARAMETERS

Operating temperature: -40 °C to +125 °C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation		成缆 / Cabling			
	股数 / 直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2 x 0.50	16/0.21	1.00	40.10	0.60	2.20	0.85	5.90	6.30	44
2 x 0.75	40/0.16	1.10	27.10	0.50	2.20	0.90	5.90	6.45	49
2 x 1.50	30/0.26	1.70	13.70	0.60	2.80	0.65	6.60	7.00	66
3 x 0.50	16/0.21	1.00	40.10	0.60	2.20	0.80	6.00	6.40	51
3 x 1.50	30/0.26	1.70	13.70	0.70	2.90	1.10	8.10	8.70	107

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR2X11Y



应用 多芯 XLPE 绝缘，PUR 护套线缆应用于ABS 系统，它具有良好的弯曲性能。

APPLICATIONS Multi-core XLPE insulated, PUR sheathed cable used in ABS system, it has good bending performance.

结构 导体: Cu-ETP1 裸铜或镀锡铜导体符合 DIN EN13602 标准
绝缘: XLPE
护套: PUR
护套颜色: 黑色
标准: ISO 6722 Class C

STRUCTURE Conductor: Cu-ETP1 bare copper or tinned copper conductor according to DIN EN13602
Insulation: XLPE
Sheath: PUR
Jacket color: black
Standard: ISO 6722 Class C

特殊属性 特殊的高抗拉强度，耐弯曲的铜合金，不含镉。

SPECIAL PROPERTIES Special high tensile, bending resistant copper alloy, free of cadmium.

技术参数 操作温度: -40 °C to +125 °C

TECHNICAL PARAMETERS Operating temperature: -40 °C to +125 °C

电缆结构表 CABLE STRUCTURE TABLE									
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆/Cabling			
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电 阻值裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/ tinned copper(mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2 x0.35	12/0.21	0.90	52.00/54.50	0.25	1.35	0.50	3.50	3.90	18
2 x0.50	19/0.19	1.00	37.10/40.10	0.30	1.50	0.65	4.20	4.60	25
2 x0.50	64/0.10	1.00	38.20/40.10	0.35	1.60	0.95	5.00	5.40	36
2 x0.75	42/0.16	1.20	24.70/27.10	0.50	2.20	0.90	6.00	6.40	46

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FL6Y2G



应用 多芯 FEP 绝缘电缆应用于汽车用线。

APPLICATIONS Multi-core FEP insulated cable is used for automotive wire.

结构 导体:Cu-ETP1 裸铜符合 DIN EN 13602 标准
绝缘: FEP
护套: 硅橡胶
标准:ISO 6722 Class F

STRUCTURE Conductor:Cu-ETP1 bare copper conforms to DIN EN 13602
Insulation: FEP
Sheath: silicone rubber
Standard: ISO 6722 Class F

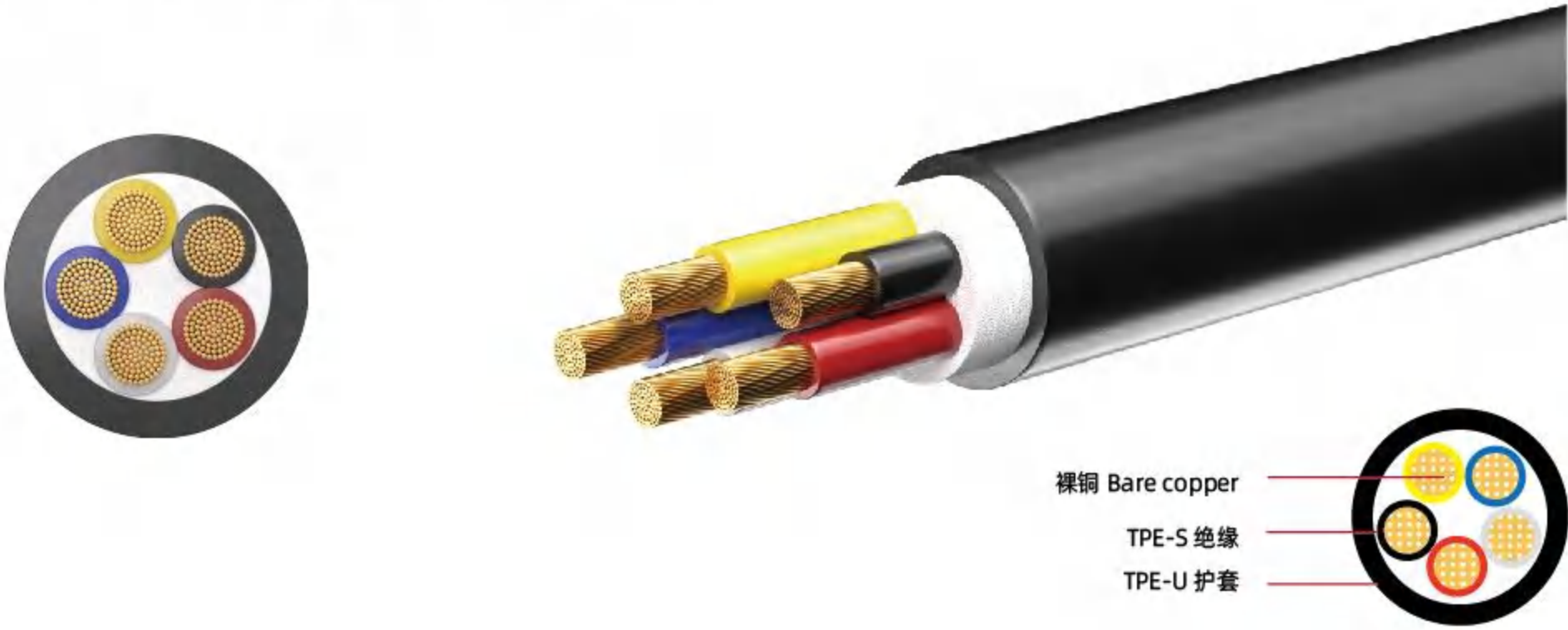
技术参数 操作温度: -40°C to +210°C

TECHNICAL PARAMETERS Operating temperature: -40°C to +210°C

电缆结构表 CABLE STRUCTURE TABLE								
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆/Cabling		
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter (mm)	最大外径 Maximum outside diameter (mm)	重量 weight (kg/km)
2x0.35	12/0.21	0.8	52	0.4	0.53	4.6	5	32
2x0.25	24/0.16	0.7	86.5	0.4	0.53	3.4	3.8	24

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLR31Y11Y

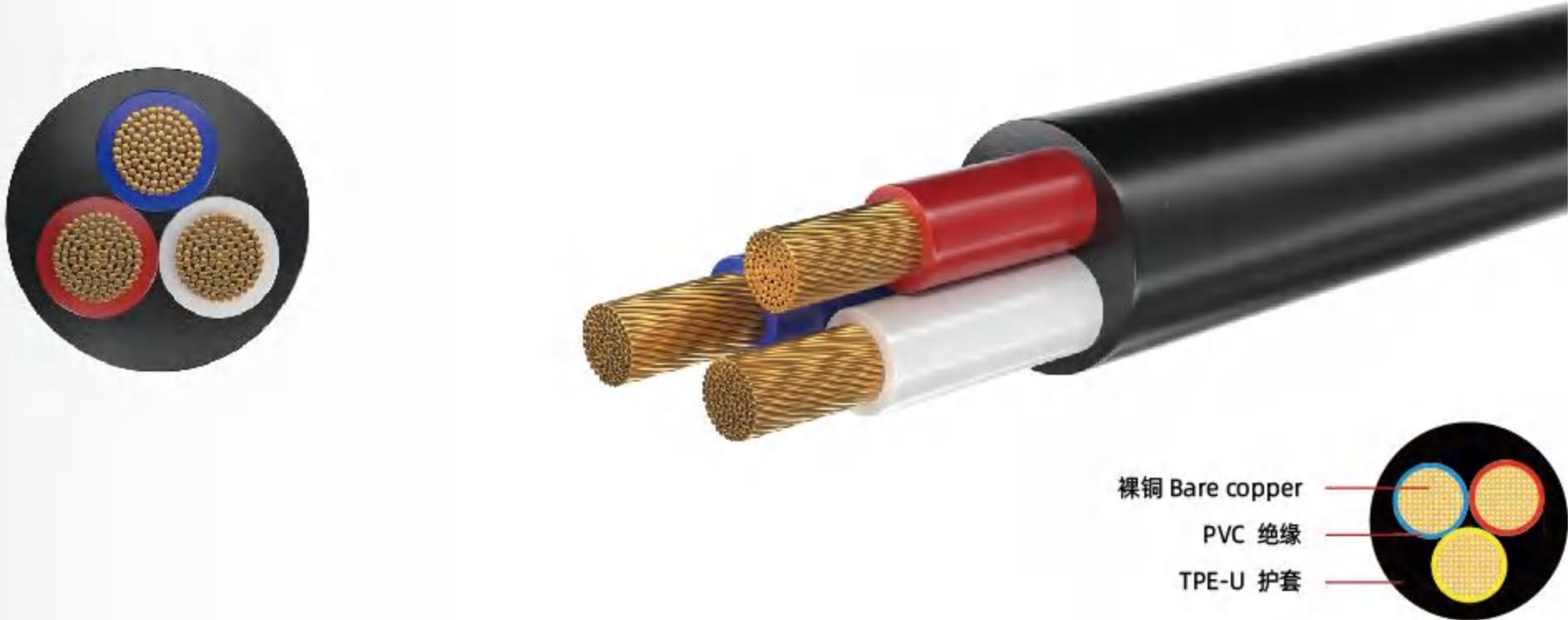


应用	APPLICATIONS
多芯 TPE 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路。	Multi-core TPE automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜符合 DIN EN 13602 标准 绝缘: TPE-S 护套: TPE-U 标准: ISO 6722 Class C	Conductor: Cu-ETP1 bare copper conforms to DIN EN 13602 Insulation: TPE-S Sheath: TPE-U Standard: ISO 6722 Class C
特殊属性	SPECIAL PROPERTIES
阻燃，耐酸，碱液，汽油，柴油等	Flame retardant, acid, lye, gasoline, diesel, etc
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +125°C	Operating temperature: -40°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE									
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling			
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2x0.50	28/0.16	1.0	37.1	0.3	1.5	0.7	4.3	4.7	38
2x0.50	28/0.16	1.0	37.1	0.3	1.5	1.0	4.8	5.2	45
2x0.75	42/0.16	1.2	24.7	0.3	1.8	1.2	6.0	6.4	64
2x0.75	96/0.11	1.2	24.7	0.3	1.8	1.2	6.0	6.4	48
3x0.5	19/0.19	1.0	37.1	0.3	1.6	0.8	5.0	5.2	47
3x0.75	19/0.23	1.2	24.7	0.3	1.8	1.0	5.7	6.1	64
3x1.0	19/0.26	1.2	18.5	0.3	2.0	0.8	5.7	6.1	71
4x0.5	28/0.16	1.0	37.1	0.3	1.5	1.2	6.0	6.4	76
4x0.5	64/0.1	1.0	37.1	0.3	1.6	1.2	6.0	6.4	51
5x0.5	64/0.1	1.0	37.1	0.3	1.6	1.0	6.0	6.4	54

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRY11Y



应用	APPLICATIONS
多芯 PVC 绝缘，TPE-U护套汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路。	Multi-core PVC insulated, TPE-U sheathed automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜符合 DIN EN 13602 标准 绝缘: PVC 护套: TPE-U 标准: ISO 6722 Class B	Conductor: Cu-ETP1 bare copper according to DIN EN 13602 Insulation: PVC Sheath: TPE-U Standard: ISO 6722 Class B
特殊属性	SPECIAL PROPERTIES
阻燃，耐酸，碱液，汽油，柴油等	Flame retardant, acid, lye, gasoline, diesel, etc
技术参数	TECHNICAL PARAMETERS
操作温度: -40°C to +105°C	Operating temperature: -40°C to +105°C

电缆结构表 CABLE STRUCTURE TABLE									
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆 /Cabling			
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大 电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
2x0.75	42/0.16	1.2	24.7	0.3	1.9	0.8	5.2	5.6	47
3x1	32/0.21	1.5	18.5	0.3	2.0	0.7	5.6	6.0	54
3x1.5	30/0.26	1.7	13.3	0.3	2.4	0.75	6.5	6.9	71

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

FLRYCY



应用

多芯 PVC 绝缘，PVC 护套线缆主要应用于车载通信。

APPLICATIONS

Multi-core PVC insulated, PVC sheathed cable is mainly used in vehicle communication.

结构

导体: Cu-ETP1 铜导体符合 DIN EN 13602 标准
绝缘: PVC
屏蔽: CU-ETP1 柔软铜导线或镀锡的柔软铜导线符合 DIN 40500 和 DIN EN 13602
护套: PVC
标准: ISO 6722

STRUCTURE

Conductor: Cu-ETP1 copper conductors comply with DIN EN 13602
Insulation: PVC
Shielding: CU-ETP1 soft copper wire or tinned soft copper wire according to DIN 40500 and DIN EN 13602
Sheath: PVC
Standard: ISO 6722

技术参数

操作温度: -40 °C to +105 °C

TECHNICAL PARAMETERS

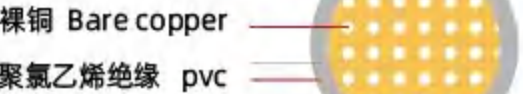
Operating temperature: -40 °C to +105 °C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation		成缆/Cabling			
	股数/直径 Number of strands /diameter (No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电 阻值裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/ tinned copper(mΩ/m)	绝缘厚度 Insulation thickness (mm)	单芯直径 Single core diameter (mm)	护套厚度 Sheath thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
9x0.08	10/0.11	0.45	35.30/36.50	0.20	0.80	0.60	4.60	4.90	38
10x0.25	14/0.16	0.70	84.80/86.50	0.20	1.10	0.60	5.80	6.20	68
5x0.35	19/0.16	0.80	52.00/54.50	0.25	1.30	0.50	4.70	5.10	47
8x0.35	19/0.16	0.80	52.00/54.50	0.25	1.25	0.65	5.90	6.30	75
10x0.35	19/0.16	0.80	52.00/54.50	0.25	1.25	0.65	6.50	6.90	83

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

AV



应用

单芯 PVC 聚氯乙烯绝缘低压线缆应用于汽车，摩托车及其他机动车辆。

APPLICATIONS

Single-core PVC insulated low-voltage cables are used in automobiles, motorcycles and other motor vehicles.

结构

导体: Cu-ETP1 裸铜符合 D 609-90 标准
绝缘: PVC
标准: JIS C 3406

STRUCTURE

Conductor: Cu-ETP1 bare copper meets D 609-90 standard
Insulation: PVC
Standard: JIS C 3406

技术参数

操作温度: -40 °C to +85 °C
瞬间可达到的最高温度: 120°C

TECHNICAL PARAMETERS

Operating temperature: -40 °C to +85 °C
Instantaneous maximum temperature: 120°C

电缆结构表 CABLE STRUCTURE TABLE

标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 裸铜/镀锡铜 Maximum resistance at 20°C Bare copper/tinned copper (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	7/0.32	1.00	32.70	0.60	2.20	2.40	10
1x0.85	11/0.32	1.20	20.80	0.60	2.40	2.60	13
1x1.25	16/0.32	1.50	14.30	0.60	2.70	2.90	17
1x2.00	26/0.32	1.90	8.81	0.60	3.10	3.40	26
1x3.00	41/0.32	2.40	5.59	0.70	3.80	4.10	40
1x5.00	65/0.32	3.00	3.52	0.80	4.60	4.90	62
1x8.00	50/0.45	3.70	2.32	0.90	5.50	5.80	92
1x10.00	63/0.45	4.50	1.84	1.00	6.50	6.90	120
1x15.00	84/0.45	4.80	1.38	1.10	7.00	7.40	160
1x20.00	41/0.80	6.10	0.89	1.10	8.20	8.80	226
1x30.00	70/0.80	8.00	0.52	1.40	10.80	11.50	384
1x40	85/0.80	8.60	0.43	1.40	11.40	12.10	462
1x50	108/0.80	9.80	0.34	1.60	13.00	13.80	583
1x60	127/0.80	10.40	0.29	1.60	13.60	14.40	678
1x85	169/0.80	12.00	0.22	2.00	16.00	17.00	924
1x100	217/0.80	13.60	0.17	2.00	17.60	18.60	1151
1x0.5f	20/0.18	1.00	36.70	0.60	2.20	2.40	9
1x0.75f	30/0.18	1.20	24.40	0.60	2.40	2.60	12
1x1.25f	50/0.18	1.50	14.70	0.60	2.70	2.90	18
1x2f	37/0.26	1.80	9.50	0.60	3.00	3.40	25
1x3f	61/0.26	2.40	5.76	0.70	3.80	4.10	40

标称尺寸列的“F”表示一个更细的导线直径的软导体。The “F” in the nominal size column indicates a soft conductor with a thinner wire diameter.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

AVS



应用	APPLICATIONS
单芯 PVC 绝缘低压线缆应用于汽车，摩托车及其他机动车辆。	Single-core PVC insulated low-voltage cables are used in automobiles, motorcycles and other motor vehicles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜符合 D 609-90 标准 绝缘: PVC 标准: JASO D 611-94	Conductor: Cu-ETP1 bare copper meets D 609-90 standard Insulation: PVC Standard: JASO D 611-94
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +85 °C 瞬间可达到的最高温度: 120°C	Operating temperature: -40 °C to +85 °C Instantaneous maximum temperature: 120°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands / diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.30	7/0.26	0.80	50.20	0.50	1.80	1.90	6
1x0.50	7/0.32	1.00	32.70	0.60	2.10	2.40	7
1x0.85	11/0.32	1.20	20.80	0.60	2.30	2.60	10
1x1.25	16/0.32	1.50	14.30	0.60	2.60	2.90	15
1x2.00	26/0.32	1.90	8.81	0.60	3.00	3.40	22
1x3.00	41/0.32	2.40	5.59	0.70	3.50	3.90	42
1x5.00	65/0.32	3.00	3.52	0.80	4.50	4.90	61
1x0.3f	15/0.18	0.80	48.90	0.50	1.80	1.90	6
1x0.5f	20/0.18	1.00	36.70	0.50	2.00	2.10	8
1x0.75f	30/0.18	1.20	24.40	0.50	2.20	2.30	11
1x1.25f	50/0.18	1.50	14.70	0.50	2.50	2.60	17
1x2f	37/0.26	1.80	9.50	0.50	2.90	3.10	24

标称尺寸列的“F”表示一个更细的导线直径的软导体。The “F” in the nominal size column indicates a soft conductor with a thinner wire diameter.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

AVSS



应用	APPLICATIONS
单芯 PVC 绝缘低压线缆应用于汽车，摩托车及其他机动车辆。	Single-core PVC insulated low-voltage cables are used in automobiles, motorcycles and other motor vehicles.
结构	STRUCTURE
导体: Cu-ETP1 裸铜符合 JIS 3120 标准 绝缘: PVC 标准: JASO D 611-94	Conductor: Cu-ETP1 bare copper conforms to JIS 3120 standard Insulation: PVC Standard: JASO D 611-94
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +85 °C 瞬间可达到的最高温度: 120°C	Operating temperature: -40 °C to +85 °C Instantaneous maximum temperature: 120°C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands / diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.30	7/0.26	0.80	50.20	0.30	1.40	1.50	5
1x0.50	7/0.32	1.00	32.70	0.30	1.60	1.70	7
1x0.85	19/0.24	1.20	21.70	0.30	1.80	1.90	10
1x1.25	19/0.29	1.50	14.90	0.30	2.10	2.20	14
1x0.3f	19/0.16	0.80	48.80	0.30	1.40	1.50	5
1x0.5f	19/0.19	1.00	34.60	0.30	1.60	1.70	7
1x0.75f	19/0.23	1.20	23.60	0.30	1.80	1.90	10
1x1.25f	37/0.21	1.50	14.60	0.30	2.10	2.20	14
1x2f	37/0.26	1.80	9.50	0.40	2.60	2.70	22

标称尺寸列的“F”表示一个更细的导线直径的软导体。The “F” in the nominal size column indicates a soft conductor with a thinner wire diameter.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

AEX/AVX

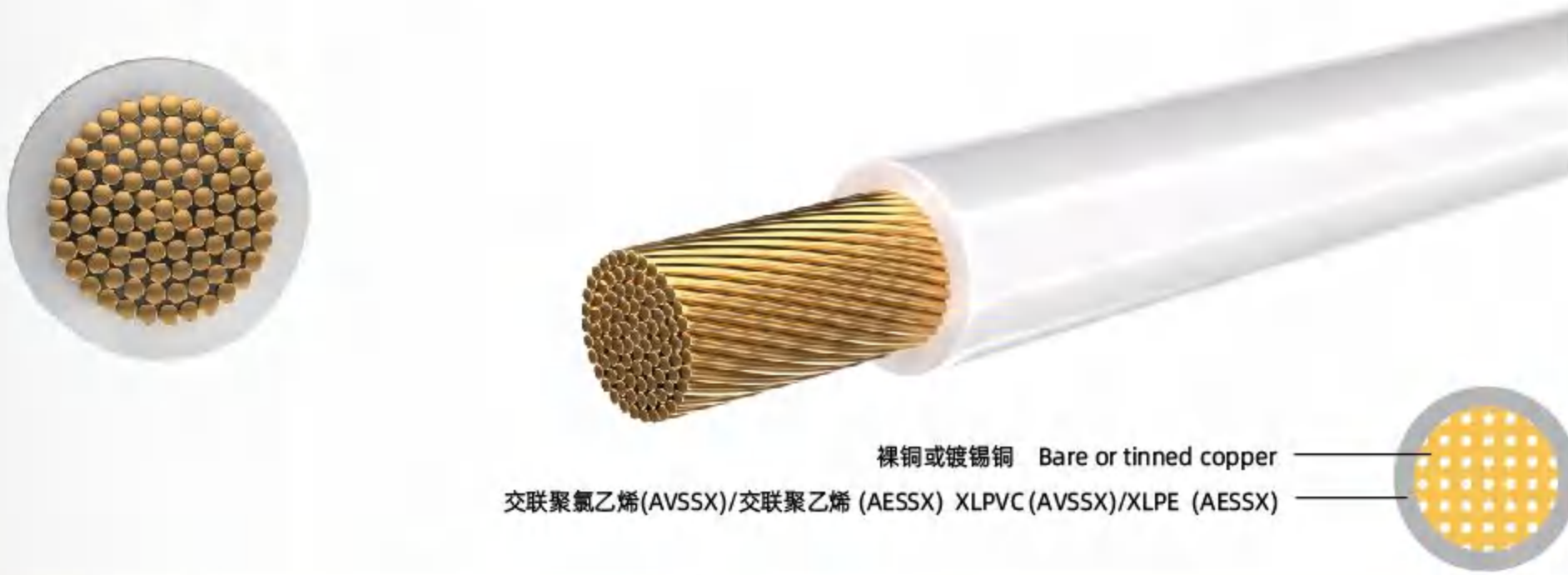


应用	APPLICATIONS
单芯交联聚乙烯 XLPE，交联聚氯乙烯 PVC 绝缘低压线缆应用于汽车，摩托车及其他机动车辆。	Single-core cross-linked polyethylene XLPE, cross-linked polyvinyl chloride PVC insulated low voltage cables are used in automobiles, motorcycles and other motor vehicles.
结构	STRUCTURE
导体: Cu-ETP1 铜导体符合 JIS 3120 标准 绝缘: XLPE (AEX) 交联 PVC (AVX) 标准: JASO D 608-92	Conductor: Cu-ETP1 copper conductor conforms to JIS 3120 standard Insulation: XLPE (AEX) Crosslinked PVC (AVX) Standard: JASO D 608-92
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +120 °C (AEX) 操作温度: -40 °C to +100 °C (AVX)	Operating temperature: -40 °C to +120 °C (AEX) Operating temperature: -40 °C to +100 °C (AVX)

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.50	7/0.32	1.00	32.70	0.50	2.00	2.20	8
1x0.85	11/0.32	1.20	20.80	0.50	2.20	2.40	11
1x1.25	16/0.32	1.50	14.30	0.60	2.70	2.90	16
1x2.00	26/0.32	1.90	8.80	0.60	3.10	3.40	25
1x3.00	41/0.32	2.40	5.60	0.70	3.80	4.10	38
1x5.00	65/0.32	3.00	3.50	0.80	4.60	4.90	59
1x8.00	50/0.45	3.70	2.30	0.80	5.30	5.60	86
1x15.00	84/0.45	4.80	1.40	1.10	7.00	7.40	145
1x0.50f	20/0.18	1.00	36.70	0.50	2.00	2.20	8
1x0.75f	30/0.18	1.20	24.40	0.50	2.20	2.40	10
1x1.25f	50/0.18	1.50	14.70	0.60	2.70	2.90	16

标称尺寸列的“F”表示一个更细的导线直径的软导体。The “F” in the nominal size column indicates a soft conductor with a thinner wire diameter.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

AVSSX/AESSX



应用	APPLICATIONS
单芯 XLPVC，XLPE 绝缘线缆应用于汽车电气系统。	Single-core XLPVC, XLPE insulated cables are used in automotive electrical systems.
结构	STRUCTURE
导体: Cu-ETP1 裸铜或镀锡铜符合 JIS C3102 标准 绝缘: XLPVC (AVSSX) XLPE (AESSX) 标准: JASO D 608-92	Conductor: Cu-ETP1 bare copper or tinned copper according to JIS C3102 standard Insulation: XLPVC (AVSSX) XLPE (AESSX) Standard: JASO D 608-92
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +105 °C (AVSSX) 操作温度: -40 °C to +120 °C (AESSX)	Operating temperature: -40 °C to +105 °C (AVSSX) Operating temperature: -40 °C to +120 °C (AESSX)

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆/Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
AVSSX							
1x0.30	7/0.26	0.80	50.20	0.24	1.40	1.50	5
1x0.50	7/0.32	1.00	32.70	0.24	1.60	1.70	7
1x0.85	19/0.24	1.20	21.70	0.24	1.80	1.90	10
1x0.85	7/0.40	1.10	20.80	0.24	1.80	1.90	10
1x1.25	19/0.29	1.50	14.90	0.24	2.10	2.20	15
1x2.00	19/0.37	1.90	9.00	0.32	2.70	2.80	23
1x0.3f	19/0.16	0.80	48.80	0.24	1.40	1.50	2
1x0.5f	19/0.19	1.00	34.60	0.30	1.60	1.70	7
1x0.75f	19/0.23	1.20	23.60	0.30	1.80	1.90	10
1x1.25f	37/0.21	1.50	14.60	0.30	2.10	2.20	14
1x2f	37/0.26	1.80	9.50	0.40	2.60	2.70	22
AESSX							
1x0.3f	19/0.16	0.80	48.80	0.30	1.40	1.50	5
1x0.5f	19/0.19	1.00	64.60	0.30	1.60	1.70	7
1x0.75f	19/0.23	1.20	23.60	0.30	1.80	1.90	10
1x1.25f	37/0.21	1.50	14.60	0.30	2.10	2.20	14
1x2f	37/0.26	1.80	9.50	0.40	2.60	2.70	22

标称尺寸列的“F”表示一个更细的导线直径的软导体。The “F” in the nominal size column indicates a soft conductor with a thinner wire diameter.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

CAVS



应用	APPLICATIONS
单芯 PVC 绝缘低压电缆主要应用于汽车用线。	Single-core PVC insulated low-voltage cable is mainly used in automotive wire.

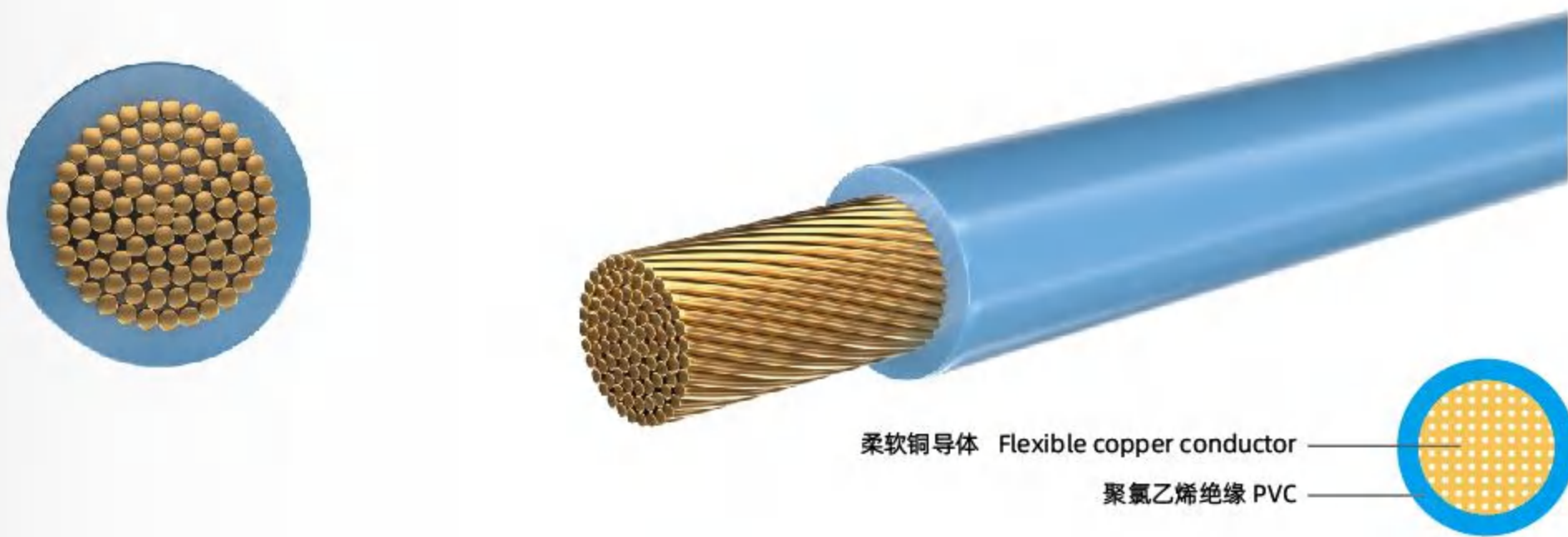
结构	STRUCTURE
导体: Cu-ETP1 铜导体符合 JIS C 3102 标准 绝缘: PVC 标准: JASO D 611-94	Conductor: Cu-ETP1 copper conductor conforms to JIS C 3102 standard Insulation: PVC Standard: JASO D 611-94

技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +80 °C	Operating temperature: -40 °C to +80 °C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.30	7/0.26	0.70	50.20	0.35	1.40	1.50	3
1x0.50	7/0.32	0.90	32.70	0.35	1.60	1.70	5
1x0.85	11/0.32	1.10	20.80	0.35	1.80	1.90	7
1x1.25	16/0.32	1.40	14.30	0.35	2.10	2.20	10

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

CAVUS



应用	APPLICATIONS
单芯 PVC 绝缘低压电缆主要应用于汽车用线。	Single-core PVC insulated low-voltage cable is mainly used in automotive wire.

结构	STRUCTURE
导体: Cu-ETP1 柔软铜导体符合 JIS C 3102 标准 绝缘: PVC 标准: JASO D 611-94	Conductor: Cu-ETP1 flexible copper conductor complies with JIS C 3102 standard Insulation: PVC Standard: JASO D 611-94

技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +80 °C	Operating temperature: -40 °C to +80 °C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体 / Conductor			绝缘 / Insulation	成缆 / Cabling		
	股数 / 直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
1x0.30	7/0.26	0.70	50.20	0.20	1.10	1.20	4
1x0.50	7/0.32	0.90	32.70	0.20	1.30	1.40	6
1x0.85	11/0.32	1.10	20.80	0.20	1.50	1.60	9
1x1.25	16/0.32	1.40	14.30	0.20	1.80	1.90	13

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

EB/HDEB

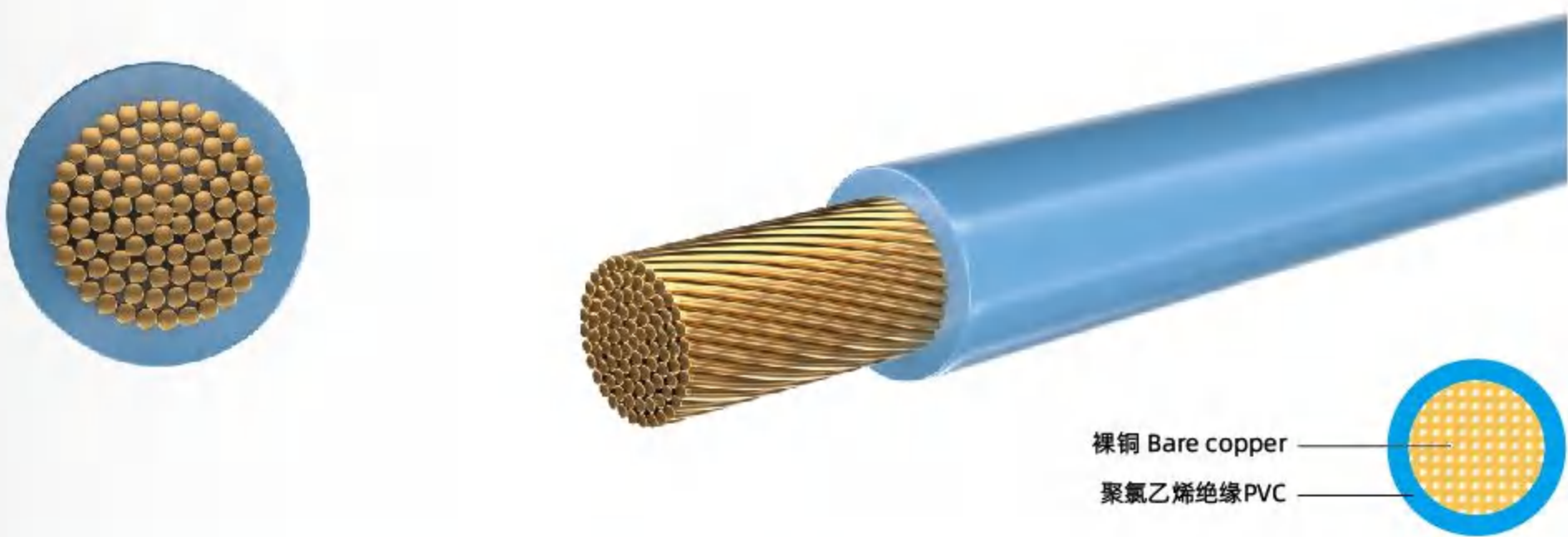


应用	APPLICATIONS
单芯 PVC 绝缘低压线缆用于汽车电池用线。	Single-core PVC insulated low-voltage cable used for automotive batteries.
结构	STRUCTURE
导体: Cu-ETP1 裸铜导体符合 JIS C 3102 标准 绝缘: PVC 标准: JIS C 3406	Conductor: Cu-ETP1 bare copper conductor conforms to JIS C 3102 standard Insulation: PVC Standard: JIS C 3406
特殊属性	SPECIAL PROPERTIES
EB线是超薄壁接地, 它是由多股导线组成 HDEB线较 EB线壁厚一些, 提供更好的机械强度	EB line is ultra-thin wall ground, it is composed of multiple wires,HDEB line is thicker than EB line, providing better mechanical strength
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +100 °C	Operating temperature: -40 °C to +100 °C

电缆结构表 CABLE STRUCTURE TABLE							
标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor			绝缘/Insulation	成缆 /Cabling		
	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	20°C时的最大电阻值 Maximum resistance at 20°C (mΩ/m)	绝缘厚度 Insulation thickness (mm)	最小外径 Minimum outside diameter(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
EB							
1x5	63/0.32	3.10	3.58	0.60	4.30	4.70	57
1x9	112/0.32	4.20	2.00	0.60	5.40	5.80	95
1x15	171/0.32	5.30	1.32	0.60	6.50	6.90	147
1 x20	247/0.32	6.50	0.92	0.60	7.70	8.00	207
1x30	361/0.32	7.80	0.63	0.60	9.00	9.40	303
1x40	494/0.32	9.10	0.46	0.60	10.30	10.80	374
1x50	608/0.3	10.10	0.37	0.60	11.30	11.90	473
1x60	741/0.322	11.10	0.31	0.60	12.30	12.90	570
HDEB							
1x9	112/0.32	4.20	2.00	1.00	6.20	6.50	109
1x15	171/0.32	5.30	1.32	1.10	7.50	8.00	161
1x20	247/0.32	6.50	0.92	1.10	8.70	9.30	225
1x30	361/0.32	7.80	0.63	1.40	10.60	11.30	331
1x40	494/0.32	9.10	0.46	1.40	11.90	12.60	442
1x60	741/0.32	11.10	0.31	1.60	14.30	15.10	655

*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

TWP



应用	APPLICATIONS
单芯 PVC 绝缘线缆用于汽车所需的最小直径跟最小重量用线。	Single-core PVC insulated cable is used for minimum diameter and minimum weight wire required by automobiles.
结构	STRUCTURE
导体: 导体由符合 ASTM B3 要求的软铜线绞合而成 绝缘: PVC 标准: SAE J1128	Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements Insulation: PVC Standard: SAE J1128
技术参数	TECHNICAL PARAMETERS
操作温度: -40 °C to +80 °C	Operating temperature: -40 °C to +80 °C

电缆结构表 CABLE STRUCTURE TABLE							
尺寸 Dimension (AWG)	标称导体截面积 Nominal guide The body of the Cross area (mm²)	导体/Conductor		绝缘/Insulation		成缆 /Cabling	
		股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	标准绝缘厚度 Standard insulation thickness(mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
22	1x0.35	7/0.25	0.76	0.40	0.28	1.70	6
20	1x0.50	7/0.32	0.97	0.40	0.28	1.90	8
18	1x0.80	16/0.25	1.17	0.40	0.28	2.20	11
18	1x0.80	19/0.23	1.17	0.40	0.28	2.20	11
16	1x1.00	19/0.28	1.45	0.40	0.28	2.40	15
14	1x2.00	19/0.36	1.8	0.40	0.28	2.70	22
12	1x3.00	19/0.45	2.29	0.46	0.32	3.30	34
10	1x5.00	19/0.57	2.87	0.50	0.35	4.00	53
8*	1x8.00	49/0.46	4.06	0.55	0.39	4.90	85

在适合在SAE J1128标准下应用 Suitable for application under SAE J1128 standard
*注: 此处未指定的其他配置, 大小, 颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

GPT



应用	APPLICATIONS
单芯 PVC 绝缘应用于汽车电路配线，船舶以及各式运送工具之类低压线缆	Single-core PVC insulation is used in low-voltage cables such as automotive circuit wiring, ships and various transport vehicles
结构	STRUCTURE
导体：导体由符合 ASTM B3 要求的软铜线绞合而成 绝缘：PVC 标准：SAE J1128	Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements Insulation: PVC Standard: SAE J1128
技术参数	TECHNICAL PARAMETERS
操作温度：-40 °C to +80 °C	Operating temperature: -40 °C to +80 °C

电缆结构表 CABLE STRUCTURE TABLE							
尺寸 Dimension (AWG)	导体/Conductor		绝缘/Insulation		成缆/Cabling		
	标称导体截面积 Nominal guide The body of the Cross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	标准绝缘厚度 Standard insulation thickness(mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
22*	1x0.35	7/0.25	0.76	0.58	0.41	2.10	7
20	1x0.50	7/0.32	0.97	0.58	0.41	2.40	10
18	1x0.80	16/0.25	1.17	0.58	0.41	2.50	12
18	1x0.80	19/0.23	1.17	0.58	0.41	2.50	12
16	1x1.00	19/0.28	1.45	0.58	0.41	2.90	17
14	1x2.00	19/0.36	1.80	0.58	0.41	3.20	25
12	1x3.00	19/0.45	2.29	0.66	0.46	3.80	38
10	1x5.00	19/0.57	2.87	0.79	0.55	4.70	59
8**	1x8.00	19/0.73	3.26	0.94	0.66	6.00	96

*只适合在 M1L56-A标准下应用*Only suitable for application under the M1L56-A standard
只适合在SAE J1128 和UTMS标准下应用Only suitable for application under SAE J1128 and UTMS standards
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

TXL



应用	APPLICATIONS
单芯 XLPE 绝缘线缆用于汽车所需的最小直径跟最小重量用线，具有较高的耐热性。	Single-core XLPE insulated cables are used for the smallest diameter and minimum weight wires required by automobiles, with high heat resistance.
结构	STRUCTURE
导体：导体由符合ASTM B3要求的软铜线绞合而成 绝缘：XLPE 标准：SAE J1128	Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements Insulation: XLPE Standard: SAE J1128
技术参数	TECHNICAL PARAMETERS
操作温度：-40 °C to +105 °C	Operating temperature: -40 °C to +105 °C

电缆结构表 CABLE STRUCTURE TABLE							
尺寸 Dimension (AWG)	导体/Conductor		绝缘/Insulation		成缆/Cabling		
	标称导体截面积 Nominal guide The body of the Cross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	标准绝缘厚度 Standard insulation thickness(mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
22	1x0.35	7/0.25	0.76	0.40	0.28	1.70	6
20	1x0.50	7/0.32	0.97	0.40	0.28	1.90	8
20	1x0.50	19/0.19	0.95	0.40	0.28	1.90	8
18	1x0.80	16/0.25	1.17	0.40	0.28	2.20	11
18	1x0.80	19/0.23	1.17	0.40	0.28	2.20	11
16	1x1.00	19/0.28	1.45	0.40	0.28	2.40	15
14	1x2.00	19/0.36	1.80	0.40	0.28	2.70	22
12	1x3.00	19/0.45	2.29	0.46	0.32	3.30	34
10	1x5.00	19/0.57	2.87	0.50	0.35	4.00	53
10	1x5.00	100/0.26	3.00	0.45	0.35	3.90	53
8*	1x8.00	49/0.46	4.06	0.55	0.39	4.90	85

*只适合在SAE J1128 标准下。*Only suitable under SAE J1128 standard.
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

GXL



应用

单芯 XLPE 绝缘线缆用于汽车所需的最小直径跟最小重量用线。

APPLICATIONS

Single-core XLPE insulated cables are used for minimum diameter and minimum weight wires required by automobiles.

结构

导体：导体由符合ASTM B3要求的软铜线绞合而成

绝缘：XLPE
标准：SAE J1128

STRUCTURE

Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements
Insulation: XLPE
Standard: SAE J1128

技术参数

操作温度：-40 °C to +125 °C

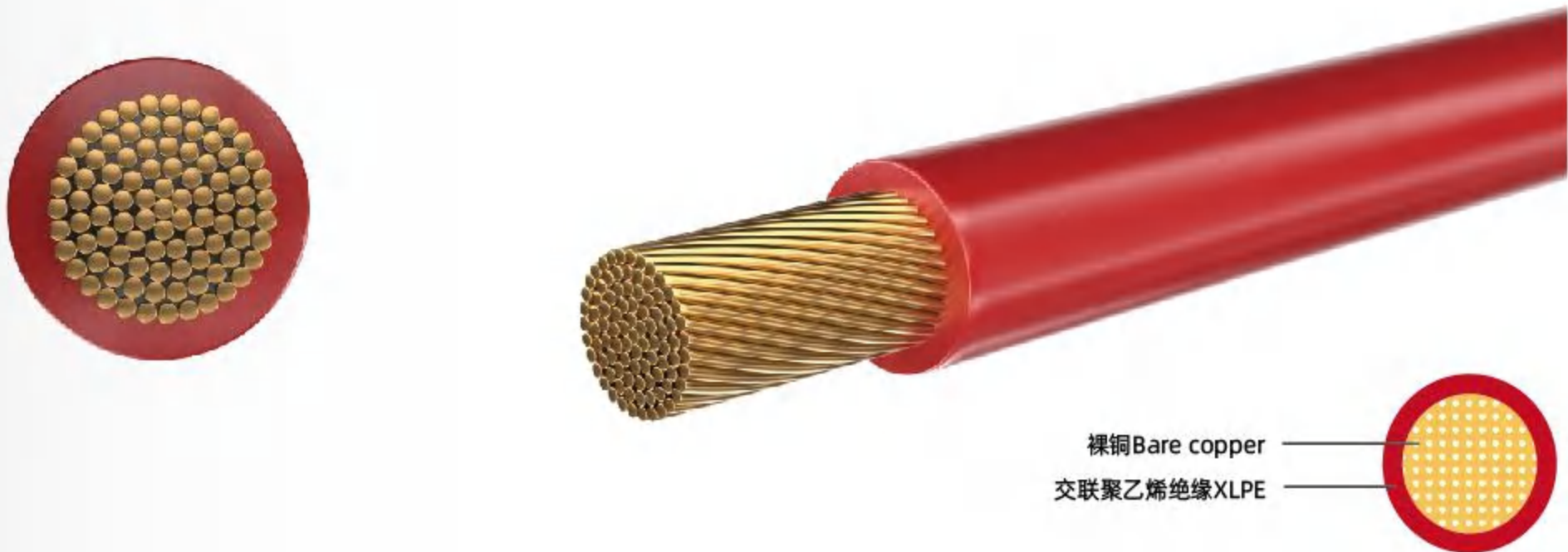
TECHNICAL PARAMETERS

Operating temperature: -40 °C to +125 °C

电缆结构表 CABLE STRUCTURE TABLE							
尺寸 Dimension (AWG)	导体/Conductor		绝缘/Insulation			成缆/Cabling	
	标称导体截面积 Nominal guide The body of the Cross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	标准绝缘厚度 Standard insulation thickness(mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
20	1x0.50	19/0.20	0.97	0.58	0.41	2.40	9
18	1x0.80	19/0.23	1.17	0.58	0.41	2.50	12
18	1x0.80	16/0.25	1.17	0.58	0.41	2.50	12
16	1x1.00	19/0.24	1.45	0.58	0.41	2.90	17
14	1x2.00	19/0.36	1.80	0.58	0.41	3.20	25
12	1x3.00	19/0.45	2.29	0.66	0.46	3.80	38
10	1x5.00	19/0.57	2.87	0.79	0.56	4.70	58

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

SXL



应用

单芯 XLPE 绝缘线缆应用于汽车，有较高的耐热性。

APPLICATIONS

Single-core XLPE insulated cables are used in automobiles and have high heat resistance.

结构

导体：导体由符合 ASTM B3 要求的软铜线绞合而成

绝缘：XLPE
标准：SAE J1128

STRUCTURE

Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements
Insulation: XLPE
Standard: SAE J1128

技术参数

操作温度：-40 °C to +125 °C

TECHNICAL PARAMETERS

Operating temperature: -40 °C to +125 °C

电缆结构表 CABLE STRUCTURE TABLE							
尺寸 Dimension (AWG)	导体/Conductor		绝缘/Insulation			成缆/Cabling	
	标称导体截面积 Nominal guide The body of the Cross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	标准绝缘厚度 Standard insulation thickness(mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
20	1x0.50	7/0.32	0.97	0.74	0.52	2.80	11
18	1x0.80	19/0.23	1.17	0.76	0.53	3.00	15
16	1x1.00	19/0.28	1.45	0.81	0.57	3.40	20
14	1x2.00	19/0.36	1.80	0.89	0.62	3.90	29
12	1x3.00	19/0.45	2.29	0.94	0.66	4.60	43
10	1x5.00	19/0.57	2.87	1.04	0.73	5.30	64

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

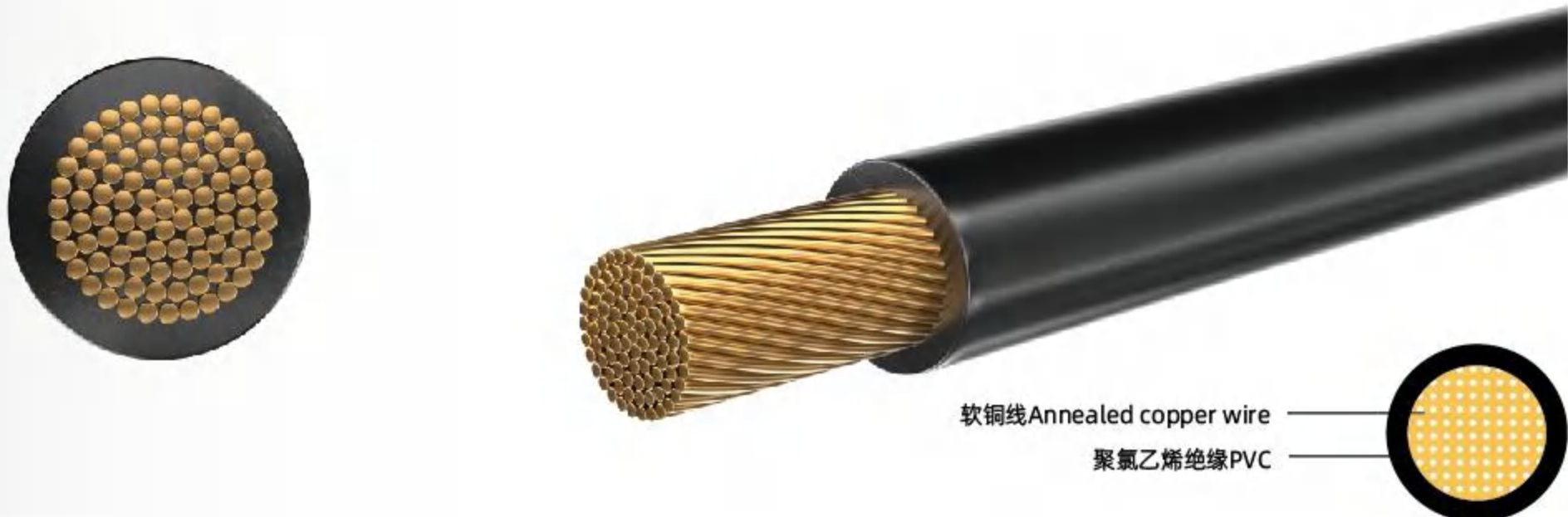
HDT



应用	APPLICATIONS
单芯 PVC 绝缘线缆用于汽车，摩托车及其他机动车辆。	Single-core PVC insulated cables are used in automobiles, motorcycles and other motor vehicles.
结构	STRUCTURE
导体：导体由符合 ASTM B3 要求的软铜线绞合而成 绝缘：PVC 标准：SAE J1128	Conductor: The conductor is composed of a flexible copper wire twisted according to ASTM B3 requirements Insulation: PVC Standard: SAE J1128
技术参数	TECHNICAL PARAMETERS
操作温度：-40 °C to +85 °C	Operating temperature: -40 °C to +85 °C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
20	1x0.50	7/0.31	1.00	0.91	3.10	14
18	1x0.80	16/0.26	1.50	0.94	3.40	20
16	1x1.00	19/0.29	1.50	1.02	3.70	25
14	1x2.00	19/0.36	1.80	1.04	4.20	33
12	1x3.00	19/0.45	2.30	1.17	5.10	49
10	1x5.00	19/0.57	3.00	1.17	5.70	71
8	1x8.00	49/0.45	3.70	1.40	7.00	98
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.						

SGT



应用	APPLICATIONS
单芯 PVC 绝缘线缆应用于汽车电池电缆。	Single-core PVC insulated cable for automotive battery cables.
结构	STRUCTURE
导体：导体由软铜线绞合而成 绝缘：PVC 标准：SAE J1127	Conductor: The conductor is twisted of soft copper wire Insulation: PVC Standard: SAE J1127
技术参数	TECHNICAL PARAMETERS
操作温度：-40 °C to +80 °C	Operating temperature: -40 °C to +80 °C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/ km)
6	1x13.48	266/0.26	4.12	1.52	6.58	152
4	1x21.28	420/0.26	6.72	1.65	9.40	243
2	1x33.70	665/0.26	8.58	1.65	11.26	368
1	1x42.36	836/0.26	9.77	1.65	12.45	454
1/0	1x53.91	1064/0.26	11.10	1.65	13.78	568
2/0	1x67.04	1323/0.26	12.47	1.65	15.15	697
3/0	1x84.42	1666/0.26	14.10	1.98	17.30	886
4/0	1x106.76	2107/0.26	15.97	1.98	19.17	1105
*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.						

STX



应用	APPLICATIONS
单芯 XLPE 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路	Single-core XLPE automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles
结构	STRUCTURE
导体：导体由符合 ASTM B 要求的软铜线绞合而成	Conductor: The conductor is composed of flexible copper wire twisted according to ASTM B requirements
绝缘：XLPE	Insulation: XLPE
导体：SAE J 1127	Standard: SAE J 1127
特殊属性	SPECIAL PROPERTIES
阻燃	Flame retardant, acid, lye, gasoline and diesel, etc
耐酸，碱液，汽油和柴油等	
技术参数	TECHNICAL PARAMETERS
操作温度：-40°C to +125°C	Operating temperature: -40°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
6	1x13	133/0.36	4.83	1.09	7.80	147
4	1x19	133/0.46	6.09	1.12	9.50	230
2	1x32	133/0.57	7.67	1.12	11.00	341
1	1x40	259/0.46	8.49	1.12	12.00	421
1/0	1x50	1026/0.26	9.47	1.12	13.00	508
2/0	1x62	1254/0.26	10.47	1.12	14.50	613
3/0	1x81	1615/0.26	11.98	1.12	17.00	778
4/0	1x103	2052/0.26	13.40	1.12	18.50	978

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

SGX



应用	APPLICATIONS
单芯 XLPO 汽车电缆应用于摩托车等机动车辆的启动，充电，照明，信号及仪表盘电路	Single-core XLPO automotive cables are used for starting, charging, lighting, signaling and dashboard circuits of motor vehicles such as motorcycles
结构	STRUCTURE
导体：导体由符合 ASTM B 要求的软铜线绞合而成	Conductor: The conductor is composed of flexible copper wire twisted according to ASTM B requirements
绝缘：XLPO	Insulation: XLPO
导体：SAE J 1127	Standard: SAE J 1127
特殊属性	SPECIAL PROPERTIES
阻燃	Flame retardant, acid, lye, gasoline and diesel, etc
耐酸，碱液，汽油和柴油等	
技术参数	TECHNICAL PARAMETERS
操作温度：-40°C to +125°C	Operating temperature: -40°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
6	1x13	133/0.36	4.83	1.52	8.6	166
4	1x19	133/0.46	6.09	1.65	10.5	257
2	1x32	133/0.57	7.67	1.65	12.00	373
1	1x40	259/0.46	8.49	1.65	13.00	453
1/0	1x50	1026/0.26	9.47	1.65	14.50	545
2/0	1x62	1254/0.26	10.47	1.65	16.00	653
3/0	1x81	1615/0.26	11.98	1.98	18.50	847
4/0	1x103	2052/0.26	13.40	1.98	20.00	1052

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

WTA

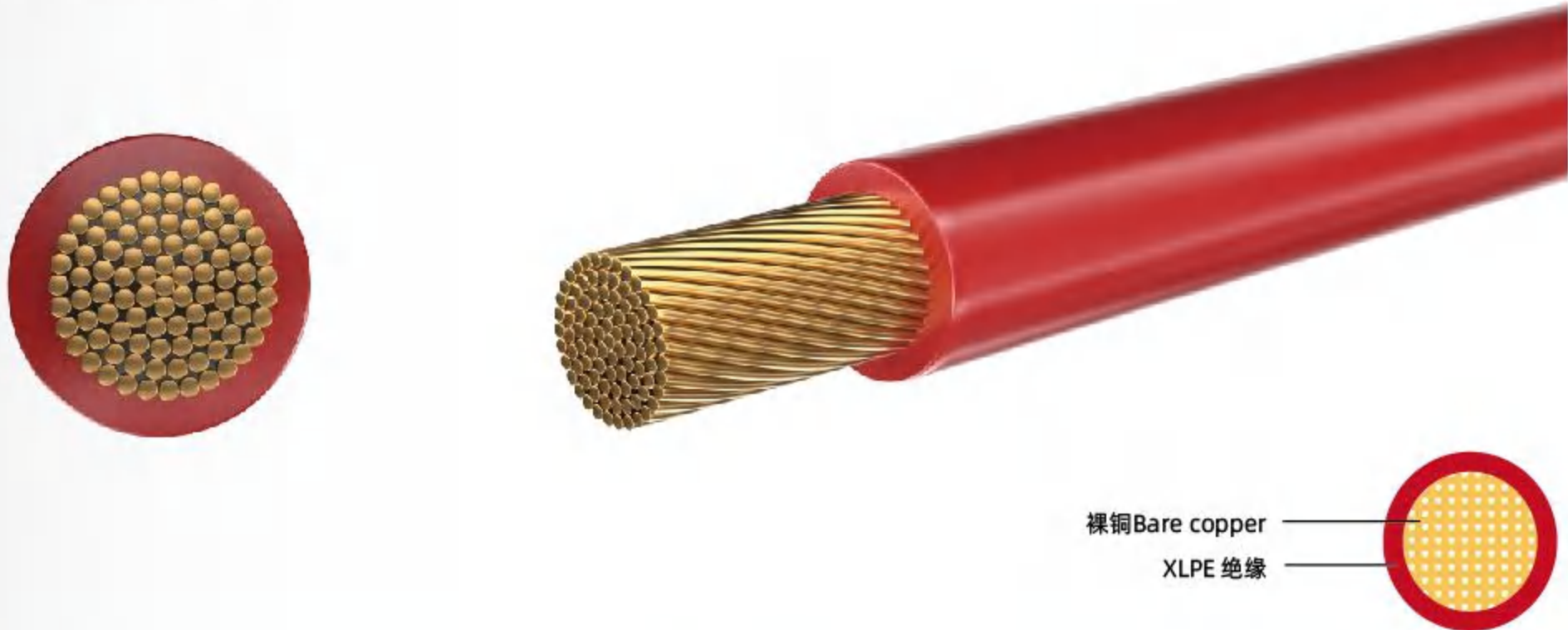


应用	APPLICATIONS
单芯 PVC 绝缘低压电缆应用于额定电压 60V（60VAC rms）或者地面车辆电子系统。	Single-core PVC insulated low-voltage cables are used in rated voltage 60V (60VAC rms) or ground vehicle electronic systems.
结构	STRUCTURE
导体：导体由符合 ASTM B 要求的软铜线绞合而成 绝缘：PVC 标准：SAE J1678	Conductor: The conductor is composed of flexible copper wire twisted according to ASTM B requirements Insulation: PVC Standard: SAE J1678
特殊属性	SPECIAL PROPERTIES
较好的灵活性	Better flexibility
技术参数	TECHNICAL PARAMETERS
操作温度：-40°C to +85°C	Operating temperature: -40°C to +85°C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
22	1x0.35	7/0.25	0.76	0.20	1.40	4
20	1x0.50	7/0.32	0.97	0.20	1.60	7
18	1x0.80	19/0.23	1.17	0.20	1.90	8
16	1x1.3	19/0.28	1.45	0.20	2.20	12
14	1x2	19/0.36	1.8	0.20	2.60	19
12	1x3	19/0.45	2.3	0.24	3.20	30

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.

WXC



应用	APPLICATIONS
单芯 XLPE 绝缘低压电缆应用于额定电压 60V（60VAC rms）或者地面车辆电子系统。	Single-core XLPE insulated low-voltage cables are used in rated voltage 60V (60VAC rms) or ground vehicle electronic systems.
结构	STRUCTURE
导体：导体由符合 ASTM B 要求的软铜线绞合而成 绝缘：XLPE 标准：SAE J1678	Conductor: The conductor is composed of flexible copper wire twisted according to ASTM B requirements Insulation: XLPE Standard: SAE J1678
特殊属性	SPECIAL PROPERTIES
较好的灵活性	Better flexibility
技术参数	TECHNICAL PARAMETERS
操作温度：-40°C to +125°C	Operating temperature: -40°C to +125°C

电缆结构表 CABLE STRUCTURE TABLE						
尺寸 Dimension (AWG)	导体/Conductor			绝缘/Insulation	成缆 /Cabling	
	标称导体截面积 Nominal guide The body of theCross area (mm²)	股数/直径 Number of strands /diameter(No./mm)	最大直径 Maximum diameter (mm)	最小绝缘厚度 Minimum insulation thickness(mm)	最大外径 Maximum outside diameter(mm)	重量 weight (kg/km)
22	1x0.35	7/0.25	0.76	0.20	1.40	4
20	1x0.50	7/0.32	0.97	0.20	1.60	7
18	1x0.80	19/0.23	1.17	0.20	1.90	8
16	1x1.3	19/0.28	1.45	0.20	2.20	12
14	1x2	19/0.36	1.8	0.20	2.60	19
12	1x3	19/0.45	2.3	0.24	3.20	30

*注：此处未指定的其他配置，大小，颜色和长度可根据要求提供。 Note: Additional configurations, sizes, colors and lengths not specified here are available upon request.