

塑料绝缘预分支电缆 —— 额定电压 0.6/1kV
Plastic Insulated Prefabricated Branched Cable —— Rated voltage 0.6/1kV
型号、名称和用途 Model, Name & Application :

额定电压 0.6/1kV 塑料绝缘预分支电缆可广泛应用于住宅、办公大楼、宾馆、医院、商场、工厂等配电系统。其主干电缆导体无接头，支线电缆导体接头结构合理，接触电阻极小，不受热胀冷缩影响。并具有优良的抗震性，良好的气密性和防水性，能在潮湿的环境中正常供电，也能在露天及地下敷设。该产品结构紧凑，占有空间小，有利于建筑面积的有效使用，安装简单方便。

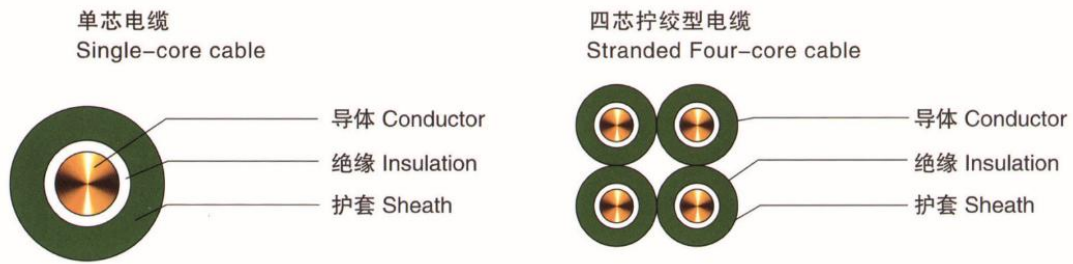
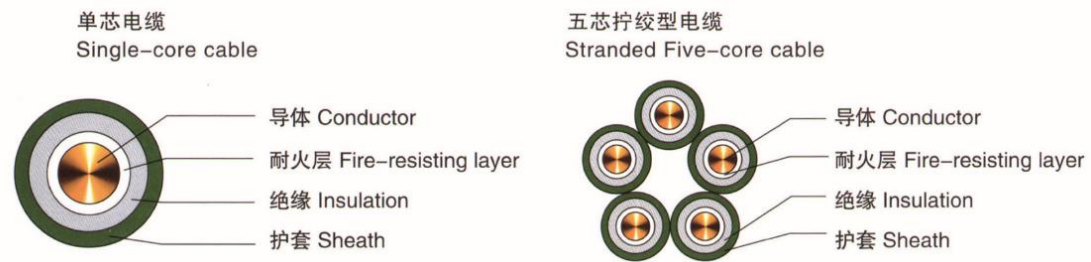
The Prefabricated Branched Cable of Rated voltage 0.6/1kV is widely used in power distribution system of living house, office building, hospital, shopping mall, factory, etc. The main cable conductor has no joints and the joint structure of branch line of cable conductor is reasonably designed, contacting resistance is very small, so it is never influenced by expanding with heat and contracting with cold. And the cable has excellent properties of anti-vibration, fine gas-proof and waterproof, so it can be used for normal power supply in wet environment and be laid in open air or underground. The cable occupies a small area, so it can be effectively used at construction site and also easy for installation.

Model	Name
FZ-VV	铜芯聚氯乙烯绝缘聚氯乙烯护套分支电缆 Copper conductor, PVC insulated & sheathed branch cable
FZ-ZR-VV	铜芯聚氯乙烯绝缘聚氯乙烯护套阻燃分支电缆 Copper conductor, PVC insulated & sheathed flame-retardant branch cable
FZ-NH-VV	铜芯聚氯乙烯绝缘聚氯乙烯护套耐火分支电缆 Copper conductor, PVC insulated & sheathed fire-resistant branch cable
FZ-YJV	铜芯交联聚乙烯绝缘聚氯乙烯护套预分支电缆 Copper conductor, XLPE insulated PVC sheathed branch cable
FZ-ZR-YJV	铜芯交联聚乙烯绝缘聚氯乙烯护套阻燃预分支电缆 Copper conductor, XLPE insulated PVC sheathed flame-retardant branch cable
FZ-NH-YJV	铜芯交联聚乙烯绝缘聚氯乙烯护套耐火预分支电缆 Copper conductor, XLPE insulated PVC sheathed fire-resistant branch cable
FZ-WDZR-YJY	铜芯交联聚乙烯绝缘无卤低烟阻燃预分支电缆 Copper conductor, XLPE insulated & sheathed halogen-free low-smoke flame-retardant branch cable
FZ-WDZN-YJY	铜芯交联聚乙烯绝缘无卤低烟阻燃耐火预分支电缆 Copper conductor, XLPE insulated & sheathed halogen-free low-smoke flame-retardant & fire-resistant branch cable
YFD-YJLHV	铝合金芯交联聚乙烯绝缘聚氯乙烯护套预分支电缆 Aluminum alloy conductor, XLPE insulated PVC sheathed branch cable
YFD-ZR-YJLHV	铝合金芯交联聚乙烯绝缘聚氯乙烯护套阻燃预分支电缆 Aluminum alloy conductor, XLPE insulated PVC sheathed flame-retardant branch cable
YFD-NH-YJLHV	铝合金芯交联聚乙烯绝缘聚氯乙烯护套耐火预分支电缆 Aluminum alloy conductor, XLPE insulated PVC sheathed fire-resistant branch cable
YFD-WDZR-YJLHY	铝合金芯交联聚乙烯绝缘无卤低烟阻燃预分支电缆 Aluminum alloy conductor, XLPE insulated & sheathed halogen-free low-smoke flame-retardant branch cable
YFD-WDZN-YJLHY	铝合金芯交联聚乙烯绝缘无卤低烟阻燃耐火预分支电缆 Aluminum alloy conductor, XLPE insulated & sheathed halogen-free low-smoke flame-retardant & fire-resistant branch cable

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产品结构 Product Structure:
1. 非耐火型电缆结构 None fire-resisting cable structure

2. 耐火型电缆结构 Fire-resisting cable structure

3. 分支接头的结构 Joint structure of Branch cable

预分支电缆的联接体部分是采用专用 PVC 或合成材料制成的如右图所示的分支电缆联接体。

The joint of prefabricated branched cable is adopted special PVC or synthetic material, the right-sided drawing shows the joint of branch cable.

主干电缆 Main Cable mm ²	支线电缆 Branch Cable mm ²	参考尺寸 Reference Size mm			分接头示意图 Drawing of Branch Cable's Joint
		d1	d2	L	
10	~ 10	54	35	95	
16	~ 16				
25	~ 25				
35	~ 35				
50	~ 50	57	38	95	
70	~ 70				
95	~ 95				
120	~ 120	78	52	145	
150	~ 150				
185	~ 185				
240	~ 240	96	70	160	
300	~ 300				
400	~ 400				
500	~ 400	106	80	170	
630	~ 400				

产品规格 Product specification:

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主干电缆截面 Cross-sectional of main cable (mm ²)	支线电缆截面 Cross-sectional of branch cable (mm ²)														
	6	10	16	25	35	50	70	95	120	150	185	240	300	400	630
10															
16															
25															
35															
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300															
400															
500															
630															

主要技术性能 Main Technical Properties:

序号 No.	项目 Items	性能要求 Property Requirements	
1	绝缘耐压 Insulation Voltage resisting	工频3.5kV, 5min, 不击穿 Power frequency voltage 3.5kV, 5min, no breakdown	
2	绝缘电阻 Insulation resistance	≥200MΩ	
3	分支接头电阻比率 Resistance ratio of branch joint	分支接头电阻比率kj≤1.2 Resistance ratio of branch joint kj≤1.2	
4	短路试验 Short-circuit test	短路后直流电阻比率的变化率Yj≤0.2 Change ratio of D. C. Resistance after short circuit yj≤0.2	
5	热循环试验 Heat circulation test	第25周期的测定值: ≤75℃ Measured value of no.25 period: ≤75℃	
		第26-125周期的测定值, 小于第25周期的温升测定值+8℃ Measured value of no.25-125 period, smaller than measured value+8℃ of temperature rise of no.25period	
6	阻燃 Flame-retardant	15秒内自燃熄灭 Automatic firing blanked off: within 15 seconds	
7	提升金具 Metal tool lifting	抗张拉力 Tensile force	24h, 2倍重量不拉出 24h, double weight no tracking out
		绝缘电压 Insulation voltage	工频3.5kV, 5min, 不击穿 Work frequency 3.5kV, 5min, not breakdown
		绝缘电阻 Insulating resistance	≥200MΩ

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8	模制用塑料 Molding plastic	原始性能 Original property	抗张强度 Tensile force	≥10MPa
			伸长率 Extensibility	≥120%
		空气箱老化后性能 Property of air-box when ageing	抗张强度 Tensile force	≥8.5MPa
			伸长率 Extensibility	≥95%
		耐温试验后性能 Property after test for temperature resisting	抗张强度 Tensile force	≥8.5MPa
			伸长率 Extensibility	95%
		耐寒 Cold-proof	试验不破碎 Non-fracture	
		加热变形 Deform when heating	厚度减少率不大于50% Extenuation ratio of thickness not over 50%	

预分支电缆订货须知:

订货时请提供以下资料:

- 1、系统图、配电系统的功率及配电方式。
- 2、主干电缆的型号、规格及长度。
- 3、支线电缆的型号、规格及长度。
- 4、敷设时, 电缆是从地面向上拉, 还是由楼顶向下拉。
- 5、是否需要电缆进行末端处理。
- 6、其它附件的名称、型号、规格及数量。
- 7、提供工程图纸。

The following materials should be provided when placing orders:

- 1、System diagram, power of distribution system and method of electricity distribution.
- 2、Types, specifications and length of main cables.
- 3、Types, specifications and length of branch cable.
- 4、When laying, see if cable is pulled from ground or pulled from the top of building,
- 5、Whether the terminal of cable should be treated or not.
- 6、Names, types, specifications and quantity of other accessories.
- 7、Engineering Diagram should be provided