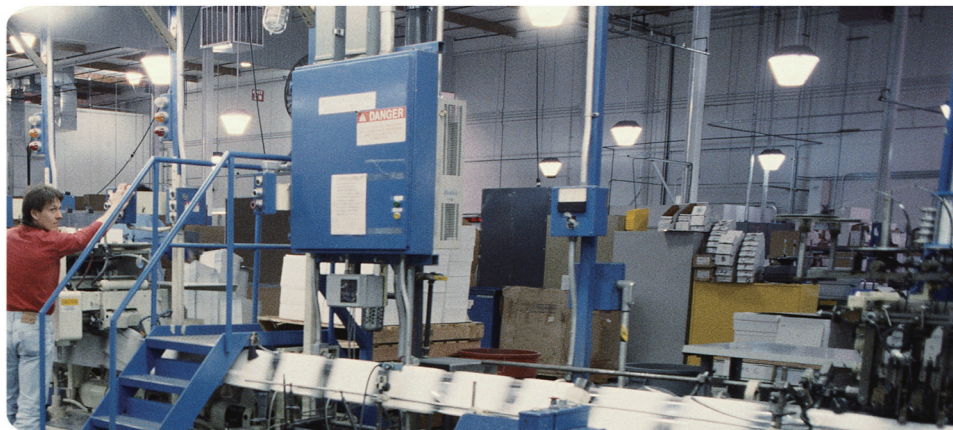


KVV KVVP KVVP2控制电缆选型样本

控制电缆

Control Cable



交联聚乙烯聚氯乙烯绝缘控制电缆

XLPE PVC Insulation Control Cable

聚氯乙烯绝缘及护套控制电缆

PVC Insulation & Sheath Control Cable

聚氯乙烯绝缘电缆电线

PVC Insulation Cable & Wire

公司名称：天长市仪器仪表厂

电 话：0550-7316581

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公司网站：www.tc17ybxl.com



交联聚乙烯绝缘聚氯乙烯护套控制电缆

Control Cable with XLPE Insulation and PVC Sheath

本产品适用于额定电压600/1000V及以下的配电装置，作电器仪表的连接线。

一、生产执行标准

企业标准（参照GB9330-88）

二、使用条件 Working Condition

1、敷设温度、最小弯曲半径：电缆的敷设温度在不低于0℃条件下敷设时，无需预先加温；电缆敷设不受落差限制，敷设时的最小弯曲半径规定如下：

a.无铠装层的电缆，应不小于电缆外径的6倍；

b.有铠装层或铜带屏蔽结构的电缆，应不小于电缆外径的12倍；

c.有屏蔽结构的软电缆，应不小于电缆外径的10倍。

2、电缆导体的长期允许工作温度为90℃。

3、短路时，电缆导体的最高温度不超过250℃，持续时间不超过5s。

三、产品型号中各字母代表意义

1、系列代号	K
2、材料代号	
铜导体	省略
交联聚乙烯绝缘	YJ
聚氯乙烯护套	V
聚乙烯护套	Y
3.按结构特性分	
编织屏蔽	P
铜带屏蔽	P2
软结构	R
圆型	省略
平型（扁型）	B

四、型号、名称（见表1）

It is used as connection cable of electric appliances and instruments for power distribution devices of rated voltage 600/1000V.

Executive standard:

enterprise standard (GB9330-88 for reference)

1: Temperature for installation & min. bending radius: Preheating is unnecessary when ambient temperature remains no lower than 0℃. Installation is free from restriction by drop. And min. bending radius of cable is stipulated as follows:

a: It will be no less than 6 times that of cable OD for cable without armor.

b: It will be no less than 12 times that of cable OD for cable with armor or that with copper tape shielding.

c: It will be no less than 10 times that of cable OD for soft cable with shielding structure.

2: Long-term working temperature of conductor is 90℃.

3:Max temperature of cable conductor is no more than 250℃ during short circuit within 5s.

Codes Meaning

Series code	K
Material Code	
Copper conductor	omitted
XLPE insulation	YJ
PVC sheath	V
PE sheath	Y
Classified by Structure and Performance	
Braided shielding	P
Copper tape shielding	P2
Soft structure	R
Round type	omitted
Flat type	B

Type and Description

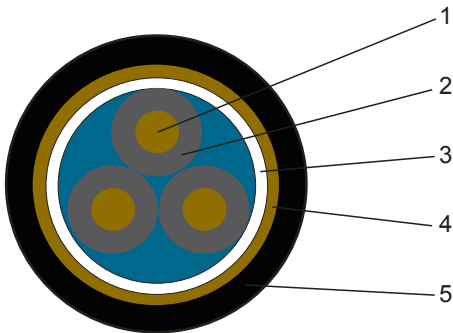
Table 1

型号 Type	产品名称 Description
KYJV	铜芯交联聚乙烯绝缘聚氯乙烯护套控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath
KYJVR	铜芯交联聚乙烯绝缘聚氯乙烯护套控制软电缆 Control soft cable with Cu core, XLPE insulation, PVC sheath
KYJVP	铜芯交联聚乙烯绝缘聚氯乙烯护套铜丝编织屏蔽控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath, copper wire braided shielding
KYJVRP	铜芯交联聚乙烯绝缘聚氯乙烯护套铜丝编织屏蔽控制软电缆 Control soft cable with Cu core, XLPE insulation, PVC sheath, copper wire braided shielding
KYJVP2	铜芯交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath, copper tape shielding
KYJVRP2	铜芯交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽控制软电缆 Control soft cable with Cu core, XLPE insulation, PVC sheath, copper tape shielding
KYJV22	铜芯交联聚乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath, steel tape armor
KYJVP22	铜芯交联聚乙烯绝缘聚氯乙烯护套铜丝编织屏蔽钢带铠装控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath, copper wire braided shielding, steel tape armor
KYJVP2-22	铜芯交联聚乙烯绝缘聚氯乙烯护套铜带屏蔽钢带铠装控制电缆 Control cable with Cu core, XLPE insulation, PVC sheath, copper tape shielding, steel tape armor

注: ①需要阻燃型产品, 订货时应在原型号前加“ZR”表示, 如: ZR-KYJV。
②需要聚乙烯外护套时, 用字母“Y”代替原型号中的字母“V”即可。

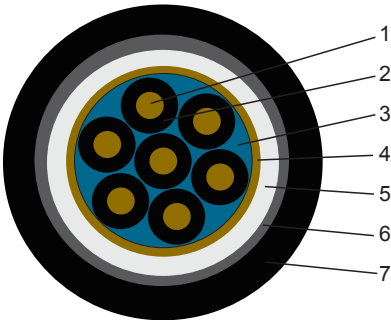
Note: 1: prefix “ZR” should be added to the original type in ordering flame retardant cable. Eg. ZR-KYJV
2: Letter “Y” substitutes for “V” of the original type in ordering cable with PE outer sheath.

产品结构示意图
The figure of cable structure



KYJVP type

1 导体 2 交联聚乙烯绝缘 3 聚酯带 4 铜丝编织屏蔽 5 聚氯乙烯护套
1.conductor 2.polyester tape 3.XLPE insulation 4.copper wire braided shielding 5.PVC sheath



KYJVP2-22 type

1 导体 2 交联聚乙烯绝缘 3 聚酯带 4 铝带或铜带绕包屏蔽 5 内衬层 6 铠装层 7 聚氯乙烯护套
1. conductor 2.XLPE insulation 3.polyester tape 4.aluminum tape shielding (copper tape wrapping shielding) 5.inner layer 6.armor layer 7.PVC sheath

五、技术参数

1、成品电缆导体20℃时直流电阻, 见表2:

Technical Parameter

DC resistance of finished cable conductor at 20℃ in table 2

Table 2

项目 Item	单位 Unit	技术指标 Technical indices							
		截面mm ² cross section area	0.75	1.0	1.5	2.5	4	6	10
20℃时导体直流电阻 DC resistance of conductor at 20℃	Ω/km	Category A, B	24.5	18.1	12.2	7.41	4.61	3.08	1.83
		category R	26.0	19.5	13.3	7.98	/	/	/

2、成品电缆应经受3.5kV/5min工频交流电压试验, 绝缘不击穿。
3、电缆绝缘电阻: 最高额定工作温度时, 绝缘电阻不小于1.0MΩ.km。
4、交联聚乙烯绝缘控制电缆的耐热性、耐寒性、耐化学性、绝缘电阻和使用寿命远优于聚氯乙烯绝缘控制电缆。

2: Finished cable should bear A.C. voltage of 3.5KV under power frequency for 5min without puncture of insulation.
3: Insulated resistance of cable:
It is no less than 1.0MΩ.km at Max. rated working temperature.
4: Control cable with XLPE insulation has good features of heat resistance, freezing resistance, chemistry resistance, insulated resistance and long lifetime compared with control cable with PVC insulation.

六、常用型号外形尺寸（供参考）

External Dimension of Common Type

芯数×标称截面 mm ² core number * nominal cross section area	KYJV		KYJVP		KYJV22		KYJVP2	
	外径 mm outer diameter	重量 kg/km weight	外径 mm outer diameter	重量 kg/km weight	外径 mm outer diameter	重量 kg/km weight	外径 mm outer diameter	重量 kg/km weight
2×0.75	6.5	52.1	7.4	78.4	--	--	--	--
2×1.0	6.8	59.8	7.7	87.5	--	--	--	--
2×1.5	7.7	78.3	8.6	110.3	--	--	--	--
2×2.5	8.9	109.5	9.8	147.1	--	--	--	--
2×4.0	9.9	147.0	11.6	217.2	--	--	--	--
2×6.0	10.9	196.8	12.6	274.6	--	--	--	--
3×0.75	6.8	64.9	7.7	92.5	--	--	--	--
3×1.0	7.1	76.2	8.0	105.6	--	--	--	--
3×1.5	8.1	100.2	9.0	134.0	--	--	--	--
3×2.5	9.5	144.8	10.3	184.7	--	--	--	--
3×4.0	10.4	198.0	12.1	272.4	--	--	--	--
3×6.0	12.1	286.2	13.2	352.8	--	--	--	--
4×0.75	7.3	79.5	8.2	108.6	--	--	8.0	105.3
4×1.0	7.7	90.0	8.6	124.9	--	--	8.4	121.5
4×1.5	8.9	115.0	9.7	160.8	--	--	9.6	157.2
4×2.5	10.2	181.4	11.9	254.5	13.8	343.2	11.5	236.9
4×4	12.0	267.4	13.1	332.6	15.0	429.0	12.7	313.3
4×6.0	13.2	374.8	14.3	486.4	16.2	541.1	13.9	415.1
5×0.75	7.9	86.9	8.8	119.9	--	--	8.6	116.6
5×1.0	8.3	106.1	9.2	140.5	--	--	9.0	137.3
5×1.5	9.5	143.3	10.4	183.8	--	--	10.8	194.7
5×2.5	11.7	227.2	12.8	291.1	14.7	386.0	12.4	272.1
5×4	13.0	315.6	14.1	387.1	16.0	490.6	13.7	366.1
5×6	14.4	431.4	15.5	511.2	17.8	640.4	15.1	488.0
7×0.75	8.3	110.0	9.4	145.5	12.1	246.7	9.2	142.0
7×1.0	8.7	132.9	9.4	170.7	12.5	276.4	9.6	167.0
7×1.5	10.3	183.3	9.8	243.4	13.9	346.0	11.6	239.2
7×2.5	12.7	291.6	11.8	361.9	15.7	463.2	13.4	341.4
7×4	15.6	412.8	13.8	490.9	17.1	601.8	14.8	468.1
7×6	15.6	570.7	16.7	658.0	19.0	796.9	16.3	632.7
8×0.75	9.1	123.2	10.0	161.5	12.7	268.2	10.4	171.8
8×1.0	11.7	149.2	11.1	205.0	13.2	301.8	10.9	201.0
8×1.5	13.5	221.9	12.8	285.7	14.7	380.1	12.4	266.9
8×2.5	15.9	329.4	14.7	407.8	16.6	512.5	14.4	382.7
8×4	18.2	466.7	16.7	632.9	18.6	687.4	16.3	542.0
8×6	20.2	662.7	18.4	758.6	20.3	890.1	18.0	731.0
10×0.75	10.5	152.5	12.1	227.1	14.1	317.2	11.7	209.4
10×1.0	11.7	181.2	12.8	264.2	14.7	358.7	12.4	245.2
10×1.5	13.5	275.7	14.6	349.9	16.5	456.6	14.3	328.7
10×2.5	15.9	409.8	17.0	498.8	19.3	639.3	17.0	488.6
10×4	18.2	598.0	19.3	696.3	21.2	836.6	18.9	670.2
10×6	20.2	825.9	21.5	965.4	23.2	1090.7	20.9	907.2
12×0.75	11.3	189.9	12.4	257.8	14.3	344.0	12.0	233.5
12×1.0	12.0	230.4	13.1	295.8	15.0	392.5	12.7	276.4
12×1.5	13.9	316.9	15.0	393.6	16.9	602.9	14.8	372.1
12×2.5	16.4	476.0	17.9	584.5	19.8	712.5	17.5	577.7
12×4	18.7	696.7	19.8	801.3	21.7	942.6	19.4	771.4
12×6	20.9	978.5	22.1	1122.7	23.9	1251.5	21.5	1062.5
14×0.75	11.9	214.1	13.8	278.6	14.9	374.3	12.6	259.4
14×1.0	12.6	260.5	14.7	329.2	15.6	429.6	13.3	308.9
14×1.5	14.5	369.9	15.6	440.7	17.9	571.1	15.2	417.2
14×2.5	17.2	544.1	18.7	658.2	20.6	791.8	19.3	630.0
14×4	19.7	798.2	20.8	908.2	22.7	1055.8	20.4	876.7
14×6	21.9	1113.3	23.2	1265.5	24.9	1400.0	22.6	1202.2
16×0.75	12.4	234.7	13.5	302.6	15.4	402.0	13.1	282.5
16×1.0	13.2	443.0	14.3	358.9	16.2	463.5	13.9	337.6
16×1.5	15.3	399.1	16.4	484.3	18.7	620.5	16.0	459.6
16×2.5	18.5	622.4	19.6	725.7	21.5	865.5	19.2	696.1
19×0.75	13.0	266.9	14.1	338.3	16.0	441.8	13.7	317.3
19×1.0	13.8	327.0	14.9	403.4	17.2	528.1	14.5	381.1

19×1.5	16.1	458.7	17.6	564.8	19.5	690.7	17.2	538.5
19×2.5	19.5	718.4	20.6	827.5	22.5	973.7	20.2	796.4
24×0.75	15.0	331.4	16.1	414.8	18.4	548.6	15.7	390.6
24×1.0	15.9	407.1	17.4	512.3	19.3	637.4	17.0	486.2
24×1.5	19.0	591.0	20.1	697.5	22.0	841.4	19.7	667.1
24×2.5	22.6	899.1	23.9	1056.5	25.5	1195.2	23.3	991.2
27×0.75	15.3	363.9	16.4	449.1	18.7	585.2	16.4	439.5
27×1.0	16.3	449.1	17.8	556.6	19.7	684.0	17.4	530.0
27×1.5	19.4	651.1	20.5	729.9	22.4	906.8	20.1	728.8
27×2.5	23.1	995.9	24.4	1157.1	26.1	1298.3	23.8	1090.2
30×0.75	15.8	398.2	17.3	501.8	19.2	625.9	16.9	475.9
30×1.0	17.2	509.7	18.3	603.0	20.2	734.1	17.9	575.5
30×1.5	20.1	713.2	21.4	951.9	23.1	976.8	20.8	794.0
30×2.5	24.0	1094.6	25.3	1261.9	27.0	1407.6	24.7	1192.6
37×0.75	17.3	485.2	18.4	581.5	20.3	713.4	18.0	553.8
37×1.0	18.5	600.2	19.6	703.3	21.5	842.8	19.2	673.8
37×1.5	21.6	850.4	22.9	1000.3	24.6	1133.4	22.3	937.9
37×2.5	25.8	202.8	27.7	1532.2	30.6	2001.9	27.1	1456.5
44×0.75	19.3	570.8	20.6	704.0	22.3	824.3	20.0	648.6
44×1.0	20.6	707.2	21.9	849.6	23.6	977.1	21.3	790.3
44×1.5	24.2	1004.4	25.4	1173.5	27.8	1359.0	24.9	1103.3
44×2.5	29.6	1594.4	31.1	1839.3	34.2	2356.2	30.3	1715.7
48×0.75	19.6	613.2	20.9	748.3	22.6	870.5	20.3	691.9
48×1.0	20.9	772.9	22.2	906.7	23.9	1047.0	21.6	846.4
48×1.5	24.6	899.4	25.9	1245.5	29.4	1740.1	25.9	1183.2
48×2.5	30.1	1721.9	31.6	1971.1	34.5	2496.1	30.8	1845.2
52×0.75	20.1	656.8	21.4	795.8	23.3	920.8	20.8	737.3
52×1.0	21.5	817.4	22.8	966.3	24.8	1097.9	22.2	908.8
52×1.5	25.3	1163.6	27.2	1378.2	30.1	1838.5	26.6	1309.4
52×2.5	30.9	1851.8	32.8	2138.7	35.5	2647.0	32.0	2075.0
61×0.75	21.3	758.1	22.6	905.6	24.3	1036.9	22.0	876.5
61×1.0	22.7	935.0	24.0	1093.2	25.7	1232.2	23.4	1017.9
61×1.5	27.3	1375.7	28.7	1565.7	31.6	2051.6	28.7	1497.5
61×2.5	33.2	2163.3	34.7	2437.5	37.4	2974.8	33.9	2387.3

聚氯乙烯绝缘和护套控制电缆

Control Cable with PVC Insulation and Sheath

本产品适用于交流额定电压450/750V及以下控制，监控回路及保护线路等场合使用。

一、产品执行标准 GB9330-88

二、使用特性

- 1、电缆导体的长期允许工作温度为70℃。
- 2、电缆的敷设温度应不低于0℃，推荐的允许弯曲半径：
无铠装层的电缆，应不小于电缆外径的6倍。
有铠装或铜带屏蔽结构的电缆，应不小于电缆外径的12倍。
有屏蔽层结构的软电缆，应不小于电缆外径的6倍。

三、电缆型号及主要使用范围

型号 Type	名称 Description	主要使用范围 Application occasion
KVV	铜芯聚氯乙烯绝缘聚氯乙烯护套控制电缆 Control cable with Cu core, PVC insulation and sheath	敷设在室内、电缆沟、管道固定场合 To be fixedly laid indoor, in cable furrow, pipe
KVVP	铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制电缆 Control cable with Cu core, PVC insulation and sheath, braided shielding	敷设在室内、电缆沟、管道等要求屏蔽的固定场合 To be fixedly laid indoor, in cable furrow, pipe with demand on shielding
KVVP2	铜芯聚氯乙烯绝缘聚氯乙烯护套铜带屏蔽控制电缆 Control cable with Cu core, PVC insulation and sheath, copper tape shielding	敷设在室内、电缆沟、管道等要求屏蔽的固定场合 To be fixedly laid indoor, in cable furrow, pipe with demand on shielding
KVV22	铜芯聚氯乙烯绝缘聚氯乙烯护套钢带铠装控制电缆 Control cable with Cu core, PVC insulation and sheath, steel tape armoring	敷设在室内、电缆沟、管道直埋等能承受较大机械外力的固定场合 To be fixedly laid indoor, in cable furrow, pipe, underground with demand on enduring strong mechanical force
KVV32	铜芯聚氯乙烯绝缘聚氯乙烯护套细钢丝铠装控制电缆 Control cable with Cu core, PVC insulation and sheath, steel wire armoring	敷设在室内、电缆沟、管道竖井等能承受较大机械拉力等固定场合 To be fixedly laid indoor, in cable furrow, pipe, shaft with demand on enduring strong mechanical force
KVVR	铜芯聚氯乙烯绝缘聚氯乙烯护套控制软电缆 Control soft cable with Cu core, PVC insulation and sheath	敷设在室内移动要求柔软等场合 To be laid indoor with demand on mobility and softness
KVVRP	铜芯聚氯乙烯绝缘聚氯乙烯护套编织屏蔽控制软电缆 Control soft cable with Cu core, PVC insulation and sheath, braiding shielding	敷设在室内移动要求柔软、屏蔽等场合 To be laid indoor with demand on shielding and softness

注：①用户需要阻燃型产品，上述型号均可生产供货，只要在型号前加“ZR-”，如：ZR-KVV型等。
②根据用户需要，还可提供生产非标型号的产品，如：KVVP2-22、KVVP32等。

It is used for supervising and controlling return circuit and protective circuit of A.C rated voltage of 450/750V or lower.

Executive standard: GB9332-88

Working Condition

- 1: Long term working temperature of conductor allowed by cable is 70℃.
- 2: Environment temperature for installation is no less than 0℃.
Min. bending radius of cable is no less than 6 times that of cable OD for cable without armoring, 12 times for cable with armoring or metallic tape shielding and 6 times for soft cable with shielding structure.

Type, Description and Application Occasion

Note: 1: We also produce flame retardant cable according to the requirements of customer. Prefix "ZR-" should be added. Eg: ZR-KVV type
2: We also produce cable which does not belong to standard type according to the requirement of customer. Eg. KVVP2-22、KVVP32.

各型号规格范围 Various Specification Range

型号 Type	额定 电压V Rated voltage	导体标称截面mm² Nominal cross section of conductor area							
		0.5	0.75	1.0	1.5	2.5	4	6	10
		芯数 core number							
KVV KVVP	450/750	--	2~61			2~14		2~10	
KVVP2		--	4~61			4~14		4~10	
KVV22		--	7~61		4~61		4~14	4~10	
KVV32		--	19~61		7~61		4~14	4~10	
KVVR		4~61				--	--	--	
KVVRP		4~61		4~48			--	--	--

注：推荐的芯数系列为：2、3、4、5、7、8、10、12、14、16、19、24、27、30、37、44、48、52和61芯。

Note: Cores recommended: 2,3,4,5,7,8,10,12,14,16,19,24,27,30,37,44,48, 52 or 61.

四、典型电缆结构及外形尺寸

Typical Cable Structure and External Dimension

KVV型铜芯聚氯乙烯绝缘及护套控制电缆
KVV type control cable with Cu core, PVC insulation and sheath

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘 电阻MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² No.*nominal cross section area	导体种类 Conductor category	外径 Mm Outer diameter	70℃最小绝缘电 阻MΩ.km insulated resistance at 70 ℃
2×0.75	1	7.0	0.012	3×0.75	1	7.3	0.012
2×0.75	2	7.4	0.014	3×0.75	2	7.7	0.014
2×1.0	1	7.4	0.011	3×1.0	1	7.7	0.011
2×1.0	2	7.8	0.013	3×1.0	2	8.4	0.013
2×1.5	1	8.2	0.011	3×1.5	1	8.6	0.011
2×1.5	2	9.0	0.010	3×1.5	2	9.5	0.010
2×2.5	1	9.4	0.010	3×2.5	1	9.9	0.010
2×2.5	2	10.4	0.009	3×2.5	2	10.9	0.009
2×4	1	10.4	0.0085	3×4	1	10.9	0.0085
2×4	2	11.4	0.0070	3×4	2	12.4	0.0077
2×6	1	11.4	0.0070	3×6	1	12.8	0.0070
2×6	2	13.0	0.0065	3×6	2	13.8	0.0065
2×10	2	15.7	0.0065	3×10	2	16.6	0.0065
4×0.75	1	7.9	0.012	5×0.75	1	8.6	0.012
4×0.75	2	8.5	0.014	5×0.75	2	9.5	0.014
4×1.0	1	8.4	0.011	5×1.0	1	9.1	0.011
4×1.0	2	9.0	0.013	5×1.0	2	10.1	0.013
4×1.5	1	9.3	0.011	5×1.5	1	10.2	0.011
4×1.5	2	10.3	0.010	5×1.5	2	11.2	0.010
4×2.5	1	10.8	0.010	5×2.5	1	12.6	0.010
4×2.5	2	11.8	0.009	5×2.5	2	13.2	0.009

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘 电阻MΩ.km Min. insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min. insulated resistance at 70 ℃
4×4	1	12.8	0.0085	5×4	1	14.0	0.0085
4×4	2	13.8	0.0077	5×4	2	15.5	0.0077
4×6	1	14.0	0.0070	5×6	1	15.5	0.0070
4×6	2	15.5	0.0065	5×6	2	17.0	0.0065
4×10	2	18.1	0.0065	5×10	2	20.5	0.0065
7×0.75	1	9.2	0.012	8×0.75	1	10.0	0.012
7×0.75	2	9.7	0.014	8×0.75	2	10.5	0.014
7×1.0	1	9.8	0.011	8×1.0	1	10.7	0.011
7×1.0	2	10.3	0.013	8×1.0	2	11.7	0.013
7×1.5	1	11.0	0.011	8×1.5	1	12.8	0.011
7×1.5	2	12.0	0.010	8×1.5	2	13.8	0.010
7×2.5	1	13.6	0.010	8×2.5	1	14.8	0.010
7×2.5	2	14.6	0.009	8×2.5	2	15.8	0.009
7×4	1	15.1	0.0085	8×4	1	16.5	0.0085
7×4	2	16.1	0.0077	8×4	2	18.0	0.0077
7×6	1	16.6	0.0070	8×6	1	18.6	0.0070
7×6	2	18.0	0.0065	8×6	2	20.8	0.0065
7×10	2	22.3	0.0065	8×10	2	24.4	0.0065
10×0.75	1	11.2	0.012	12×0.75	1	12.3	0.012
10×0.75	2	12.2	0.014	12×0.75	2	13.3	0.014
10×1.0	1	12.8	0.011	12×1.0	1	13.1	0.011
10×1.0	2	13.8	0.013	12×1.0	2	14.1	0.013
10×1.5	1	14.4	0.011	12×1.5	1	14.7	0.011
10×1.5	2	15.4	0.010	12×1.5	2	15.7	0.010
10×2.5	1	16.7	0.010	12×2.5	1	17.1	0.010
10×2.5	2	17.7	0.009	12×2.5	2	18.5	0.009
10×4	1	19.1	0.0085	12×4	1	19.5	0.0085
10×4	2	21.0	0.0077	12×4	2	21.0	0.0077

10×6	1	21.0	0.0070	12×6	1	21.5	0.0070
10×6	2	23.5	0.0065	12×6	2	24.0	0.0065
10×10	2	28.0	0.0065	/	/	/	/
14×0.75	1	12.9	0.012	16×0.75	1	13.5	0.012
14×0.75	2	13.1	0.014	16×0.75	2	14.5	0.014
14×1.0	1	13.7	0.011	16×1.0	1	14.4	0.011
14×1.0	2	14.7	0.013	16×1.0	2	16.0	0.013
14×1.5	1	15.4	0.011	16×1.5	1	16.3	0.011
14×1.5	2	17.0	0.010	16×1.5	2	17.8	0.010
14×2.5	1	18.0	0.010	16×2.5	1	19.3	0.010
14×2.5	2	20.0	0.009	16×2.5	2	21.3	0.009
14×4	1	20.4	0.0085	/	/	/	/
14×4	2	22.4	0.0077	/	/	/	/
14×6	1	22.6	0.0070	/	/	/	/

芯数×标称 截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘 电阻MΩ.km Min. insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min insulated resistance at 70 ℃
14×6	2	25.0	0.0065	/	/	/	/
19×0.75	1	14.1	0.012	24×0.75	1	16.2	0.012
19×0.75	2	15.1	0.014	24×0.75	2	17.2	0.014
19×1.0	1	15.1	0.011	24×1.0	1	17.4	0.011
19×1.0	2	16.1	0.013	24×1.0	2	19.0	0.013
19×1.5	1	17.1	0.011	24×1.5	1	20.2	0.011
19×1.5	2	18.6	0.010	24×1.5	2	22.2	0.010
19×2.5	1	20.3	0.010	24×2.5	1	23.7	0.010
19×2.5	2	22.3	0.009	24×2.5	2	26.2	0.009
27×0.75	1	16.5	0.012	30×0.75	1	17.1	0.012
27×0.75	2	18.0	0.014	30×0.75	2	18.1	0.014
27×1.0	1	17.8	0.011	30×1.0	1	18.7	0.011
27×1.0	2	19.3	0.013	30×1.0	2	20.2	0.013
27×1.5	1	20.5	0.011	30×1.5	1	21.3	0.011
27×1.5	2	22.5	0.010	30×1.5	2	23.3	0.010
27×2.5	1	24.1	0.010	30×2.5	1	24.9	0.010
27×2.5	2	26.5	0.009	30×2.5	2	27.5	0.009
37×0.75	1	18.9	0.012	44×0.75	1	21.1	0.012
37×0.75	2	19.5	0.014	44×0.75	2	22.5	0.014
37×1.0	1	20.3	0.011	44×1.0	1	22.7	0.011
37×1.0	2	22.3	0.013	44×1.0	2	24.7	0.013
37×1.5	1	23.0	0.011	44×1.5	1	25.8	0.011
37×1.5	2	25.0	0.010	44×1.5	2	28.3	0.010
37×2.5	1	27.1	0.010	44×2.5	1	31.1	0.010
37×2.5	2	29.5	0.009	44×2.5	2	33.5	0.009
48×0.75	1	21.3	0.012	52×0.75	1	22.0	0.012
48×0.75	2	23.3	0.014	52×0.75	2	24.0	0.014
48×1.0	1	22.9	0.011	52×1.0	1	23.7	0.011
48×1.0	2	24.9	0.013	52×1.0	2	25.7	0.013
48×1.5	1	26.1	0.011	52×1.5	1	27.0	0.011
48×1.5	2	28.5	0.010	52×1.5	2	29.0	0.010
48×2.5	1	31.5	0.010	52×2.5	1	32.5	0.010
48×2.5	2	34.0	0.009	52×2.5	2	35.5	0.009
61×0.75	1	23.3	0.012	61×1.5	1	29.2	0.011
61×0.75	2	25.3	0.014	61×1.5	2	31.8	0.010
61×1.0	1	25.1	0.011	61×2.5	1	34.9	0.010
61×1.0	2	27.1	0.013	61×2.5	2	37.0	0.009

KVVP型铜芯聚氯乙烯绝缘及护套编织屏蔽控制电缆**KVVP type control cable with Cu core, PVC insulation and sheath, braided shielding**

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min insulated resistance at 70 ℃
2×0.75	2	8.2	0.014	3×0.75	2	8.5	0.014
2×1.0	2	8.6	0.013	3×1.0	2	8.9	0.013
2×1.5	2	9.4	0.010	3×1.5	2	9.8	0.010
2×2.5	2	10.8	0.009	3×2.5	2	11.3	0.009
2×4	2	13.0	0.0077	3×4	2	13.5	0.0077
2×6	2	14.0	0.0065	3×6	2	14.6	0.0065
2×10	2	16.7	0.0065	3×10	2	17.6	0.0065
4×0.75	2	9.1	0.014	5×0.75	2	9.8	0.014
4×1.0	2	9.6	0.013	5×1.0	2	10.3	0.013
4×1.5	2	10.9	0.010	5×1.5	2	11.8	0.010
4×2.5	2	13.4	0.009	5×2.5	2	14.4	0.009
4×4	2	14.6	0.0077	5×4	2	15.8	0.0077
4×6	2	15.8	0.0065	5×6	2	17.1	0.0065
4×10	2	19.5	0.0065	5×10	2	21.5	0.0065
7×0.75	2	10.4	0.014	8×0.75	2	11.2	0.014
7×1.0	2	11.0	0.013	8×1.0	2	13.1	0.013
7×1.5	2	13.4	0.010	8×1.5	2	14.6	0.010
7×2.5	2	15.4	0.009	8×2.5	2	16.6	0.009
7×4	2	16.9	0.0077	8×4	2	18.7	0.0077
7×6	2	18.4	0.0065	8×6	2	20.4	0.0065
7×10	2	23.3	0.0065	8×10	2	25.6	0.0065
10×0.75	2	13.8	0.014	10×4	2	21.1	0.0077
10×1.0	2	14.6	0.013	10×6	2	23.2	0.0065
10×1.5	2	16.2	0.010	10×10	2	29.2	0.0065
10×2.5	2	18.5	0.009	/	/	/	/
12×0.75	2	14.1	0.014	14×0.75	2	14.9	0.014
12×1.0	2	14.9	0.013	14×1.0	2	15.7	0.013
12×1.5	2	16.5	0.010	14×1.5	2	17.4	0.010
12×2.5	2	19.3	0.009	14×2.5	2	20.4	0.009
12×4	2	21.5	0.0077	14×4	2	23.2	0.0077
12×6	2	23.7	0.0065	14×6	2	25.4	0.0065
16×0.75	2	15.5	0.014	19×0.75	2	16.1	0.014
16×1.0	2	16.4	0.013	19×1.0	2	17.1	0.013
16×1.5	2	18.3	0.010	19×1.5	2	19.4	0.010
16×2.5	2	21.9	0.009	19×2.5	2	22.9	0.009
24×0.75	2	18.2	0.014	27×0.75	2	18.5	0.014
24×1.0	2	19.8	0.013	27×1.0	2	20.2	0.013
24×1.5	2	23.2	0.010	27×1.5	2	23.1	0.010
24×2.5	2	26.9	0.009	27×2.5	2	27.3	0.009

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电 阻MΩ.km Min insulated resistance at 70 ℃
30×0.75	2	19.5	0.014	37×0.75	2	21.3	0.014
30×1.0	2	20.9	0.013	37×1.0	2	22.3	0.013
30×1.5	2	24.5	0.010	37×1.5	2	26.0	0.010
30×2.5	2	28.2	0.009	37×2.5	2	30.7	0.009
44×0.75	2	23.9	0.014	48×0.75	2	24.2	0.014
44×1.0	2	25.1	0.013	48×1.0	2	25.4	0.013
44×1.5	2	29.0	0.010	48×1.5	2	29.4	0.010
44×2.5	2	33.7	0.009	48×2.5	2	34.9	0.009
52×0.75	2	24.8	0.014	61×0.75	2	26.1	0.014
52×1.0	2	26.0	0.013	61×1.0	2	27.5	0.013
52×1.5	2	30.8	0.010	61×1.5	2	32.5	0.010
52×2.5	2	36.3	0.009	61×2.5	2	38.4	0.009

KVVP2型铜芯聚氯乙烯绝缘及护套铜带屏蔽控制电缆
KVVP2 type control cable with Cu core, PVC insulation and sheath, copper tape shielding

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70 ℃
4×0.75	1	8.4	0.012	5×0.75	1	9.1	0.012
4×1.0	1	8.9	0.011	5×1.0	1	9.6	0.011
4×1.5	1	9.8	0.011	5×1.5	1	11.5	0.011
4×2.5	1	12.1	0.010	5×2.5	1	13.1	0.010
4×4	1	13.3	0.0085	5×4	1	14.5	0.0085
4×6	1	14.5	0.0070	5×6	1	15.8	0.0070
4×10	2	19.0	0.0065	5×10	2	21.0	0.0065
7×0.75	1	9.7	0.012	8×0.75	1	11.3	0.012
7×1.0	1	10.3	0.011	8×1.0	1	12.0	0.011
7×1.5	1	12.3	0.011	8×1.5	1	13.3	0.011
7×2.5	1	14.1	0.010	8×2.5	1	15.3	0.010
7×4	1	15.6	0.0085	8×4	1	17.4	0.0085
7×6	1	17.1	0.0070	8×6	1	19.1	0.0070
7×10	2	22.8	0.0065	8×10	2	24.9	0.0065
10×0.75	1	12.5	0.012	10×4	1	19.6	0.0085
10×1.0	1	13.3	0.011	10×6	1	21.5	0.0070
10×1.5	1	14.9	0.011	10×10	2	28.5	0.0065
10×2.5	1	17.6	0.010	/	/	/	/
12×0.75	1	12.8	0.012	14×0.75	1	13.4	0.012
12×1.0	1	13.6	0.011	14×1.0	1	14.3	0.011
12×1.5	1	15.2	0.011	14×1.5	1	15.9	0.011
12×2.5	1	18.0	0.010	14×2.5	1	18.9	0.010
12×4	1	20.0	0.0085	14×4	1	20.9	0.0085

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70 ℃
12×6	1	22.0	0.0070	14×6	1	23.1	0.0070
16×0.75	1	14.0	0.012	19×0.75	1	14.6	0.012
16×1.0	1	14.9	0.011	19×1.0	1	15.6	0.011
16×1.5	1	16.8	0.011	19×1.5	1	18.0	0.011
16×2.5	1	19.8	0.010	19×2.5	1	20.8	0.010
24×0.75	1	16.7	0.012	27×0.75	1	17.4	0.012
24×1.0	1	18.3	0.011	27×1.0	1	18.7	0.011
24×1.5	1	20.7	0.011	27×1.5	1	21.0	0.011
24×2.5	1	24.2	0.010	27×2.5	1	24.6	0.010
30×0.75	1	18.0	0.012	37×0.75	1	19.4	0.012
30×1.0	1	19.2	0.011	37×1.0	1	20.8	0.011
30×1.5	1	21.8	0.011	37×1.5	1	23.5	0.011
30×2.5	1	25.4	0.010	37×2.5	1	28.2	0.010
44×0.75	1	21.6	0.012	48×0.75	1	21.8	0.012
44×1.0	1	23.2	0.011	48×1.0	1	23.4	0.011
44×1.5	1	26.3	0.011	48×1.5	1	26.6	0.011
44×2.5	1	31.6	0.010	48×2.5	1	32.0	0.010
52×0.75	1	22.5	0.012	61×0.75	1	23.8	0.012
52×1.0	1	24.2	0.011	61×1.0	1	25.6	0.011
52×1.5	1	28.1	0.011	61×1.5	1	29.7	0.011
52×2.5	1	33.4	0.010	61×2.5	1	35.4	0.010

KVV22型铜芯聚氯乙烯绝缘及护套钢带铠装控制电缆
KVV22 type control cable with Cu core, PVC insulation and sheath, steel tape armoring

芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70℃	芯数×标称截面 mm ² core No.*nominal cross section area	导体种类 Conductor category	外径mm Outer diameter	70℃最小绝缘电阻 MΩ.km Min insulated resistance at 70 ℃
4×2.5	1	15.4	0.010	5×2.5	1	16.1	0.010
4×4	1	16.6	0.0085	5×4	1	17.5	0.0085
4×6	1	17.8	0.0070	5×6	1	19.2	0.0070
4×10	2	22.3	0.0065	5×10	2	24.0	0.0065
7×0.75	1	13.5	0.012	8×0.75	1	14.3	0.012
7×1.0	1	14.1	0.011	8×1.0	1	15.0	0.011
7×1.5	1	15.3	0.011	8×1.5	1	16.3	0.011
7×2.5	1	17.1	0.010	8×2.5	1	18.3	0.010
7×4	1	18.6	0.0085	8×4	1	20.4	0.0085
7×6	1	20.5	0.0070	8×6	1	22.1	0.0070
7×10	2	25.8	0.0065	8×10	2	27.9	0.0065
10×0.75	1	15.3	0.012	14×0.75	1	16.2	0.012
10×1.0	1	16.3	0.011	14×1.0	1	17.0	0.011
10×1.5	1	17.7	0.011	14×1.5	1	19.1	0.011
10×2.5	1	20.4	0.010	14×2.5	1	21.7	0.010
10×4	1	22.6	0.0085	14×4	1	23.8	0.0085
10×6	1	24.5	0.0070	14×6	1	25.9	0.0070
10×10	2	32.1	0.0065	16×0.75	1	17.0	0.012
12×0.75	1	15.6	0.012	16×1.0	1	17.9	0.011
12×1.0	1	16.4	0.011	16×1.5	1	20.2	0.011
12×1.5	1	18.0	0.011	16×2.5	1	22.8	0.010
12×2.5	1	20.8	0.010	19×0.75	1	17.6	0.012
12×4	1	22.8	0.0085	19×1.0	1	19.0	0.011
12×6	1	24.8	0.0070	19×1.5	1	21.0	0.011
/	/	/	/	19×2.5	1	23.8	0.010
24×0.75	1	20.1	0.012	27×0.75	1	20.4	0.012
24×1.0	1	21.3	0.011	27×1.0	1	21.7	0.011
24×1.5	1	23.7	0.011	27×1.5	1	24.0	0.011
24×2.5	1	27.2	0.010	27×2.5	1	27.6	0.010
30×0.75	1	21.0	0.012	37×0.75	1	22.4	0.012
30×1.0	1	22.2	0.011	37×1.0	1	23.8	0.011
30×1.5	1	24.8	0.011	37×1.5	1	26.5	0.011
30×2.5	1	28.4	0.010	37×2.5	1	31.2	0.010
44×0.75	1	24.6	0.012	48×0.75	1	24.8	0.012
44×1.0	1	26.2	0.011	48×1.0	1	26.4	0.011
44×1.5	1	29.9	0.011	48×1.5	1	30.2	0.011
44×2.5	1	35.0	0.010	48×2.5	1	35.4	0.010
52×0.75	1	25.5	0.012	61×0.75	1	26.8	0.012
52×1.0	1	27.2	0.011	61×1.0	1	28.6	0.011
52×1.5	1	31.1	0.011	61×1.5	1	32.7	0.011
52×2.5	1	36.4	0.010	61×2.5	1	38.4	0.010

聚氯乙烯绝缘电缆 (电线) Cable (wire) with PVC Insulation

该类产品中B系列产品适用于交流额定电压450/750V及以下的动力装置固定敷设用; R系列产品适用于交流额定电压300/500V及以下的家用电器, 小型电动工具、仪器、仪表及电力照明用铜芯聚氯乙烯绝缘连接软电缆 (电线)。

一、生产执行标准

GB5023.1~7-1997

JB8734.1~5-1998等同采用IEC227

二、分类和型号如下

- 0-固定布线用无护套电缆
- 01-一般用途单芯硬导体无护套电缆 (227IEC01)
- 02-一般用途单芯软导体无护套电缆 (227IEC02)
- 05-内部布线用导体温度为70℃的单芯实心导体无护套电缆 (227IEC05)
- 06-内部布线用导体温度为70℃的单芯软导体无护套电缆 (227IEC06)
- 07-内部布线用导体温度为90℃的单芯实心导体无护套电缆 (227IEC07)
- 08-内部布线用导体温度为90℃的单芯软导体无护套电缆 (227IEC08)
- 1-固定布线用护套电缆
- 10-轻型聚氯乙烯护套电缆 (227IEC10)
- 5-一般用途护套软电缆
- 52-轻型聚氯乙烯护套软线 (227IEC52)
- 53-普通聚氯乙烯护套软线 (227IEC53)

三、产品型号中各字母代表意义

- 1、按用途分
 - 固定敷设用电线 (电线)B
 - 连接用软电线 (电线)R
 - 装饰照明用软线S
- 2、按材料特性分
 - 铜导体省略
 - 聚氯乙烯绝缘V
 - 聚氯乙烯护套V
 - 耐油聚氯乙烯护套VY
- 3、按结构特性分
 - 圆形省略
 - 扁形 (平型)B
 - 双绞型S
 - 屏蔽型P
 - 软结构R
- 4、按耐热特性分
 - 70℃省略
 - 90℃90

B series of the product are used for fixed laying in engine devices of A.C rated voltage 450/750V or lower; R series of soft connection cable (wire) with cu core, PVC insulation are used for household electrical appliance, small electrical tools, instruments and engine lighting of A.C rated voltage 300/500V or lower.

Executive standard:

GB5023.1~7-1997

JB8734.1~5-1998 (equal to IEC227)

Classification and Type as follows:

- 0: Cable without sheath for permanent wiring
- 01: Cable with single core hard conductor, without sheath for general purpose (227IEC01)
- 02: Cable with single core soft conductor, without sheath for general purpose (227IEC02)
- 05: Cable with solid single conductor, without sheath at 70℃ of conductor temperature for interior wiring (227IEC05)
- 06: Cable with soft single conductor, without sheath at 70℃ of conductor temperature for interior wiring (227IEC06)
- 07: Cable with solid single conductor, without sheath at 90℃ of conductor temperature for interior wiring (227IEC07)
- 08: cable with soft single conductor, without sheath at 90℃ of conductor temperature for interior wiring (227IEC08)
- 1: Cable with sheath for permanent wiring
- 10: Light type cable with PVC sheath (227IEC10)
- 5: Soft cable with sheath for general purpose
- 52: Light type soft wire with PVC sheath (227IEC52)
- 53: Common soft wire with PVC sheath (227IEC53)

Code Meaning

- Classified by usage
 - Cable (wire) for fixed installation.....B
 - Soft cable (wire) for connectionR
 - Soft wire for decorated lightingS
- Classified by material performance
 - Cu conductor.....omitted
 - PVC insulation.....V
 - PVC sheath.....V
 - Oil resistant PVC sheath.....VY
- Classified by structure character
 - Round typeomitted
 - Flat typeB
 - Twin transposition type.....S
 - Shielding type.....P
 - Soft structureR
- Classified by heat resistant performance
 - 70℃.....omitted
 - 90℃.....90

四、型号名称及相应执行标准

Type, Description and Relevant Executive Standard

型号 Type	名称 Description	芯数 Core number	生产范围 mm ² production scope	额定电压 (V) Rated voltage	执行标准 Executive standard
227IEC01 (BV)	一般用途单芯硬导体无护套电缆 Cable with hard single conductor, without sheath for general purpose	1	1.5~400	450/750	GB5023.3
227IEC02 (RV)	一般用途单芯软导体无护套电缆 Cable with soft single conductor, without sheath for general purpose	1	1.5~240	450/750	
227IEC05 (BV)	内部布线用导体温度为70℃的单芯实心导体无护套电缆 Cable with solid single conductor, without sheath at 70℃ of conductor temperature for interior wiring	1	0.5~1.0	300/500	
227IEC06 (RV)	内部布线用导体温度为70℃的单芯软导体无护套电缆 Cable with soft single conductor, without sheath at 70℃ of conductor temperature for interior wiring	1	0.5~1.0	300/500	
227IEC07 (BV-90)	内部布线用导体温度为90℃的单芯实心导体无护套电缆 Cable with solid single conductor, without sheath at 90℃ of conductor temperature for interior wiring	1	0.5~2.5	300/500	
227IEC08 (RV-90)	内部布线用导体温度为90℃的单芯软导体无护套电缆 Cable with solid single conductor, without sheath at 90℃ of conductor temperature for interior wiring	1	0.5~2.5	300/500	
227IEC10 (BVV)	轻型聚氯乙烯护套电缆 Light type cable with PVC sheath	2~5	1.5~35	300/500	GB5023.4
227IEC52 (RVV)	轻型聚氯乙烯护套软线 Light type soft wire with PVC sheath	2, 3	0.5, 0.75	300/300	GB5023.5
227IEC53 (RVV)	普通聚氯乙烯护套软线 Common soft wire with PVC sheath	2~5	0.75~2.5	300/500	
BV	铜芯聚氯乙烯绝缘电线 Wire with cu core, PVC insulation	1	0.75, 1.0	300/500	JB8734.2
BLV	铝芯聚氯乙烯绝缘电线 Wire with aluminum core, PVC insulation	1	2.5~400	450/750	
BVR	铜芯聚氯乙烯绝缘软电线 Soft wire with cu core, PVC insulation	1	2.5~70	450/750	
BVV	铜芯聚氯乙烯绝缘护套圆形电缆 Round type cable with Cu core, PVC insulation	1	0.75~10	300/500	
BLVV	铝芯聚氯乙烯绝缘护套圆形电缆 Round type cable with aluminum core, PVC insulation	1	2.5~10	300/500	
BVVB	铜芯聚氯乙烯绝缘护套扁形电缆 Flat type cable with Cu core, PVC insulation	2, 3	0.75~10	300/500	
BLVVB	铝芯聚氯乙烯绝缘护套扁形电缆 Flat type cable with aluminum core, PVC insulation	2, 3	2.5~10	300/500	
RVVP	铜芯聚氯乙烯绝缘屏蔽聚氯乙烯护套软电缆 (线) Soft cable (wire) with Cu core, PVC insulation and shielding, PVC sheath	1 2, 3 4~24	0.3~2.5 0.3~1.5 0.2~0.4	300/300	JB8734.5

五、使用条件

1、长期允许工作温度应不超过：BV-90、RV-90型导体最高温度为90℃，其他型号为70℃。

2、电缆（线）敷设时温度应不低于0℃。

3、推荐的允许弯曲半径：

电缆外径<25mm，应不小于4倍的电缆外径。

电缆外径≥25mm，应不小于6倍的电缆外径。

Working Condition

1: Max conductor temperature for long-term working is no higher than 90℃ for BV-90、RV-90 type cable and 70℃ for other types.

2: Temperature for installing is no lower than 0℃ (wire).

3: Recommended bending radius:

It is no less than 4 times of cable OD when cable OD is less than 25mm.

It is no less than 6 times of cable OD when cable OD is at least more than 25mm

六、规格尺寸（部分）

Specification and Size (part)

227IEC01 (BV)

导体标称截面 mm ² nominal cross section area	导体 种类 conductor category	绝缘厚度标称值 mm nominal insulated thickness	外径上限 mm max. outer diameter	70℃时最小绝缘电阻 MΩ.km min insulated resistance at 70 ℃
1.5	1	0.7	3.0	0.011
1.5	2	0.7	3.2	0.010
2.5	1	0.8	3.6	0.010
2.5	2	0.8	3.9	0.009
4	1	0.8	4.1	0.0085
4	2	0.8	4.4	0.0077
6	1	0.8	4.6	0.0070
6	2	0.8	5.1	0.0065
10	1	1.0	5.9	0.0070
10	2	1.0	6.4	0.0065
16	2	1.0	7.4	0.0050
25	2	1.2	9.2	0.0050
35	2	1.2	10.3	0.0040
50	2	1.4	11.5	0.0045
70	2	1.4	13.1	0.0035
95	2	1.6	15.3	0.0035
120	2	1.6	17.0	0.0032
150	2	1.8	18.7	0.0032
185	2	2.0	20.8	0.0032
240	2	2.2	23.4	0.0032
300	2	2.4	27.0	0.0030
400	2	2.6	30.0	0.0028

227IEC02 (RV)

导体标称截面mm ² nominal cross section area	绝缘厚度标称值 mm nominal insulated thickness	外径上限 mm max. outer diameter	70℃时最小绝缘电阻MΩ.km min insulated resistance at 70℃
1.5	0.7	3.2	0.010
2.5	0.8	3.8	0.009
4	0.8	4.8	0.007
6	0.8	5.3	0.006
10	1.0	7.0	0.0056
16	1.0	7.9	0.0046
25	1.2	9.9	0.0044
35	1.2	11.2	0.0038
50	1.4	13.3	0.0037
70	1.4	14.9	0.0032
95	1.6	17.7	0.0032
120	1.6	19.5	0.0029
150	1.8	21.9	0.0029
185	2.0	24.9	0.0029
240	2.2	28.0	0.0028

227IEC05 (BV)

导体标称截面 mm ² nominal cross section area	绝缘厚度标称值 mm nominal insulated thickness	外径上限mm max. outer diameter	70℃时最小绝缘电阻MΩ.km min insulated resistance at 70℃
0.5	0.6	2.2	0.015
0.75	0.6	2.4	0.012
1.0	0.6	2.6	0.011

227IEC06 (RV)

导体标称截面mm ² nominal cross section area	绝缘厚度标称值mm nominal insulated thickness	外径上限mm max. outer diameter	70℃时最小绝缘电阻MΩ.km min insulated resistance at 70℃
0.5	0.6	2.4	0.013
0.75	0.6	2.6	0.011
1.0	0.6	2.8	0.010

227IEC07 (BV-90)

导体标称截面 mm ² nominal cross section area	绝缘厚度标称值 mm nominal insulated thickness	外径上限mm max. outer diameter	70℃时最小绝缘电阻MΩ.km min insulated resistance at 70℃
0.5	0.6	2.2	0.015
0.75	0.6	2.4	0.013
1.0	0.6	2.6	0.012
1.5	0.7	3.1	0.011
2.5	0.8	3.7	0.009

227IEC08 (RV-90)

导体标称截面 mm ² nominal cross section area	绝缘厚度标称值 mm nominal insulated thickness	外径上限mm max. outer diameter	70℃时最小绝缘电阻MΩ.km min insulated resistance at 70℃
0.5	0.6	2.4	0.013
0.75	0.6	2.6	0.012
1.0	0.6	2.8	0.010
1.5	0.7	3.3	0.009
2.5	0.8	4.0	0.009

注：其它规格结构及技术参数请参见GB5023-1997或JB8734-1998标准。

Note: please refer to GB5023-1997or JB8734-1998standard for other specification and technical parameter.

七、交货长度

根据双方协议允许任何长度交货、长度计量误差为±0.5%。

Deliver Length

Delivery length of cable depends on both agreements with length error allowance of ±0.5%

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