

# Power Cables 电力电缆



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## 产品系列

### 低压电力电缆

说明	概述	一般用途及安装
L 用于灯光及加热设备的低压电力供应	非铠装 0.6/1kV 电力电缆	通常用于室内
	铠装 0.6/1kV 电力电缆	用于直接敷设在地下或地上

### 中压电力电缆

说明	概述	一般用途及安装
M 用于中压电力传输和供应	屏蔽 3.6/6(7.2) 至 18/30(36)kV 电力电缆	通常用于室内或户外具有保护措施的场所
	屏蔽铠装 3.6/6(7.2) 至 18/30(36)kV 电力电缆	用于直接敷设在地下直接与碳氢化合物、酸、碱持续接触。

## Product Family

### Low Voltage Power Cables

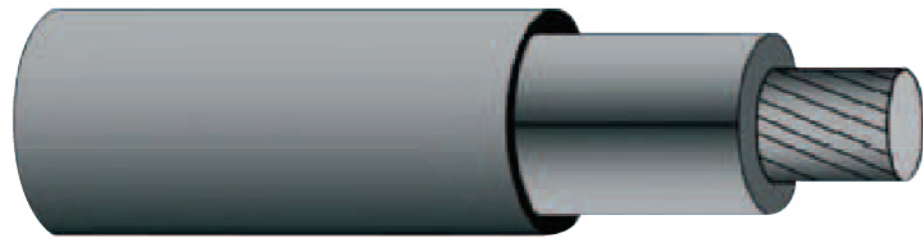
Description	Generic Description	General Use & Installation
L: Low Voltage power supply for engines, lighting and heating equipment.	0.6/1kV unarmoured power cable	For general indoor installation
	Armoured 0.6/1kV power cable	For direct burial and above ground cable tray installation

### Medium Voltage Power Cables

Description	Generic Description	General Use & Installation
M: Medium Voltage power transmission and supply.	Screened 3.6/6(7.2) through 18/30(36)kV power cables	General indoor and outdoor protected installation
	Screened Armoured 3.6/6(7.2) through 18/30(36)kV power cables	Direct burial installation and/or high mechanical shock risk.



## 低压电力电缆 Low Voltage Power Cable



### Cable designation

YJV 0.6/1kV 1 CORE

### Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Insulation**  
XLPE compound
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV N x Size 0.6/1kV Year"

### Standards applicable

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

### 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 0.6/1kV 1 芯

### 结 构

- > **导 体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **绝 缘**  
交联聚乙烯
- > **护 套**  
聚氯乙烯
- > **印 字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV N x Size 0.6/1kV Year"

### 应用标准

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



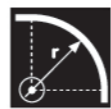
EXCELLENT



STANDARD



0 °C



20 D



PB



90 °C

NORMAL  
OPERATION  
TEMPERATURE



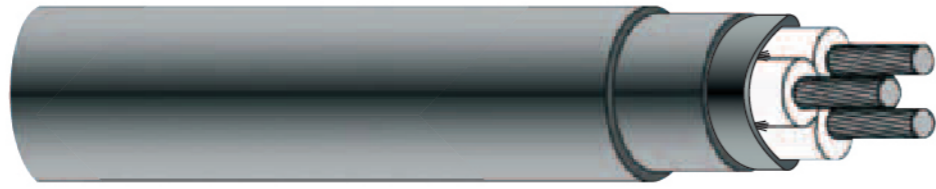
250 °C

SHORT  
CIRCUIT  
TEMPERATURE

### YJV/YJLV 1 CORE

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation  (mm)	电缆外径 outer diameter approx  (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius  (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
		Cu	Al			Cu	Al		Cu	Al		
1×1.5	1.6	12.10	-	3.0	6.9	62	-	137.20	32	-	35	-
1×2.5	2.0	7.41	-	3.4	7.3	75	-	145.40	42	-	46	-
1×4	2.6	4.61	-	4.0	7.7	94	-	154.60	56	-	59	-
1×6	3.1	3.08	-	4.5	8.3	116	-	165	70	-	74	-
1×10	4.1	1.83	-	5.7	9.6	170	-	191	97	-	99	-
1×16	5.1	1.15	-	6.8	10.6	234	-	212	125	-	128	-
1×25	6.0	0.73	1.20	8.0	11.9	326	176	237	165	125	164	128
1×35	7.0	0.52	0.87	9.0	12.9	423	214	257	200	155	197	153
1×50	8.3	0.39	0.64	10.5	14.4	551	268	287	245	190	232	180
1×70	9.9	0.27	0.44	12.3	16.2	756	306	324	305	240	285	221
1×95	11.5	0.19	0.32	13.9	17.8	1005	437	356	375	290	342	265
1×120	12.9	0.15	0.25	15.5	19.4	1243	525	388	435	340	388	301
1×150	14.4	0.12	0.21	17.4	21.3	1515	631	426	500	390	436	338
1×185	16.0	0.10	0.16	19.4	23.3	1870	765	466	580	450	496	385
1×240	18.3	0.08	0.13	21.9	25.8	2410	957	516	685	535	577	449
1×300	20.4	0.06	0.10	24.2	28.1	2981	1159	562	795	615	654	508
1×400	23.4	0.05	0.08	27.6	31.7	3801	1464	634	930	730	749	585
1×500	26.4	0.04	0.06	31.8	36.6	4930	1932	732	1080	850	858	673
1×630	29.9	0.03	0.05	35.0	39.7	6204	2326	793	1250	1000	981	774

# 低压电力电缆 Low Voltage Power Cable



## Cable designation

YJV 0.6/1kV MULTI CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Insulation**  
XLPE compound
- > **Fillers**  
PP filler
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV N×Size 0.6/1kV Year"

## Standards applicable

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 0.6/1kV 多芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **绝缘**  
交联聚乙烯
- > **填充**  
PP 填充绳
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV N × Size 0.6/1kV Year"

## 应用标准

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



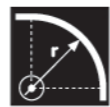
EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C

NORMAL OPERATION TEMPERATURE



250 °C

SHORT CIRCUIT TEMPERATURE

## YJV/YJLV 2 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
		Cu	Al			Cu	Al		Cu	Al	Cu	Al
2×1.5	1.6	12.10	-	3.0	9.9	114	-	149	28	-	29	-
2×2.5	2.0	7.41	-	3.4	10.7	141	-	161	36	-	38	-
2×4	2.6	4.61	-	4.0	11.7	177	-	175	47	-	49	-
2×6	3.1	3.08	-	4.5	12.7	228	-	191	60	-	61	-
2×10	4.1	1.83	-	5.7	15.3	340	-	230	83	-	83	-
2×16	5.1	1.15	-	6.8	17.4	476	-	262	109	-	105	-
2×25	6.0	0.73	1.20	8.0	20.4	680	378	306	138	132	135	103
2×35	7.0	0.52	0.87	9.0	22.4	997	578	336	173	161	160	125
2×50	8.3	0.39	0.64	10.5	25.4	1171	603	381	207	201	195	150
2×70	9.9	0.27	0.44	12.3	29.0	1514	693	435	264	247	240	185
2×95	11.5	0.19	0.32	13.9	32.6	2048	909	489	322	288	285	220
2×120	12.9	0.15	0.25	15.5	36.0	2546	1107	541	374	334	325	250
2×150	14.4	0.12	0.21	17.4	40.1	3117	1345	601	431	385	365	285
2×185	16.0	0.10	0.16	19.4	44.3	3861	1645	664	495	454	415	320
2×240	18.3	0.08	0.13	21.9	49.7	5005	2092	746	587	523	480	375
2×300	20.4	0.06	0.10	24.2	54.8	6222	2567	821	673	621	545	425

## YJV/YJLV 3 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
		Cu	Al			Cu	Al		Cu	Al	Cu	Al
3×1.5	1.6	12.10	-	3.0	10.4	134	-	156	20	-	31	-
3×2.5	2.0	7.41	-	3.4	11.3	174	-	169	27	-	41	-
3×4	2.6	4.61	-	4.0	12.3	227	-	184	35	-	53	-
3×6	3.1	3.08	-	4.5	13.4	292	-	201	45	-	66	-
3×10	4.1	1.83	-	5.7	16.2	445	-	243	63	-	90	-
3×16	5.1	1.15	-	6.8	18.5	639	-	277	84	-	117	-
3×25	6.0	0.73	1.20	8.0	21.6	925	473	324	113	88	151	117
3×35	7.0	0.52	0.87	9.0	23.8	1218	590	357	139	108	181	140
3×50	8.3	0.39	0.64	10.5	27.0	1565	711	405	161	125	210	163
3×70	9.9	0.27	0.44	12.3	31.1	2183	951	467	204	158	257	200
3×95	11.5	0.19	0.32	13.9	34.8	2943	1233	522	252	195	310	240
3×120	12.9	0.15	0.25	15.5	38.5	3669	1509	577	291	226	351	273
3×150	14.4	0.12	0.21	17.4	43.0	4527	1868	645	333	258	393	305
3×185	16.0	0.10	0.16	19.4	47.5	5617	2292	713	385	299	445	346
3×240	18.3	0.08	0.13	21.9	53.3	7292	2919	800	457	356	516	402
3×300	20.4	0.06	0.10	24.2	58.7	9065	3579	881	527	410	583	454



YJV/YJLV 3+1 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)				绝缘外径 diameter over insulation (mm)		电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
	power core	earth core	power core		earth core		power core	earth core								
			Cu	Al	Cu	Al				Cu	Al		Cu	Al	Cu	Al
3x4+1x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	12.9	258	-	194	40	-	50	-
3x6+1x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	14.2	340	-	213	50	-	60	-
3x10+1x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	17.0	511	-	254	65	-	80	-
3x16+1x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	19.6	752	-	294	85	-	100	-
3x25+1x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	23.0	1098	-	345	115	-	130	-
3x35+1x16	7.0	5.1	0.52	-	1.15	-	9.0	6.8	24.9	1384	-	373	145	-	155	-
3x50+1x25	8.3	6.0	0.39	0.64	0.73	1.20	10.5	8.0	28.3	1823	819	425	175	130	185	140
3x70+1x35	9.9	7.0	0.27	0.44	0.52	0.87	12.3	9.0	32.7	2610	1168	491	220	170	225	175
3x95+1x50	11.5	8.3	0.19	0.32	0.39	0.64	13.9	10.5	36.7	3573	1578	551	270	205	270	210
3x120+1x70	12.9	9.9	0.15	0.25	0.27	0.44	15.5	12.3	40.9	4353	1780	613	315	240	305	235
3x150+1x95	14.4	9.9	0.12	0.21	0.27	0.44	17.4	12.3	44.9	5214	2142	674	360	275	345	265
3x185+1x95	16.0	11.5	0.10	0.16	0.19	0.32	19.4	13.9	49.7	6563	2665	746	420	320	390	301
3x240+1x120	18.3	12.9	0.08	0.13	0.15	0.25	21.9	15.5	55.7	8744	3648	836	500	385	455	355
3x300+1x150	20.4	14.4	0.06	0.10	0.12	0.21	24.2	17.4	61.5	10898	4522	922	570	445	430	395

YJV/YJLV 3+2 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)				绝缘外径 diameter over insulation (mm)		电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
	power core	earth core	power core		earth core		power core	earth core								
			Cu	Al	Cu	Al				Cu	Al		Cu	Al	Cu	Al
3x4+2x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	13.9	335	-	208	31	-	39	-
3x6+2x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	15.3	432	-	230	38	-	48	-
3x10+2x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	18.1	620	-	272	54	-	66	-
3x16+2x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	22.0	921	-	329	70	-	86	-
3x25+2x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	25.2	1311	-	378	91	-	1412	-
3x35+2x16	7.0	5.1	0.52	-	1.15	-	9.1	6.8	26.9	1610	-	404	111	-	133	-
3x50+2x25	8.3	6.0	0.39	0.64	0.73	1.20	10.6	8.0	30.9	2274	1119	464	135	135	158	122
3x70+2x35	9.9	7.0	0.27	0.44	0.52	0.87	12.4	9.1	35.4	3091	1438	531	170	164	199	153
3x95+2x50	11.5	8.3	0.19	0.32	0.39	0.64	14.1	10.6	40.1	4185	1860	602	217	194	235	189
3x120+2x70	12.9	9.9	0.15	0.25	0.27	0.44	15.7	12.4	45.1	5397	2424	677	247	223	265	209
3x150+2x95	14.4	9.9	0.12	0.21	0.27	0.44	17.6	12.4	48.7	6011	2540	730	288	252	306	235
3x185+2x95	16.0	11.5	0.10	0.16	0.19	0.32	19.6	14.1	54.1	7965	3513	812	328	305	341	265
3x240+2x120	18.3	12.9	0.08	0.13	0.15	0.25	22.3	15.7	60.7	9759	3962	910	393	346	398	306
3x300+2x150	20.4	14.4	0.06	0.10	0.12	0.21	24.6	17.6	67.1	12108	4871	1007	440	-	444	347

YJV/YJLV 4 CORES

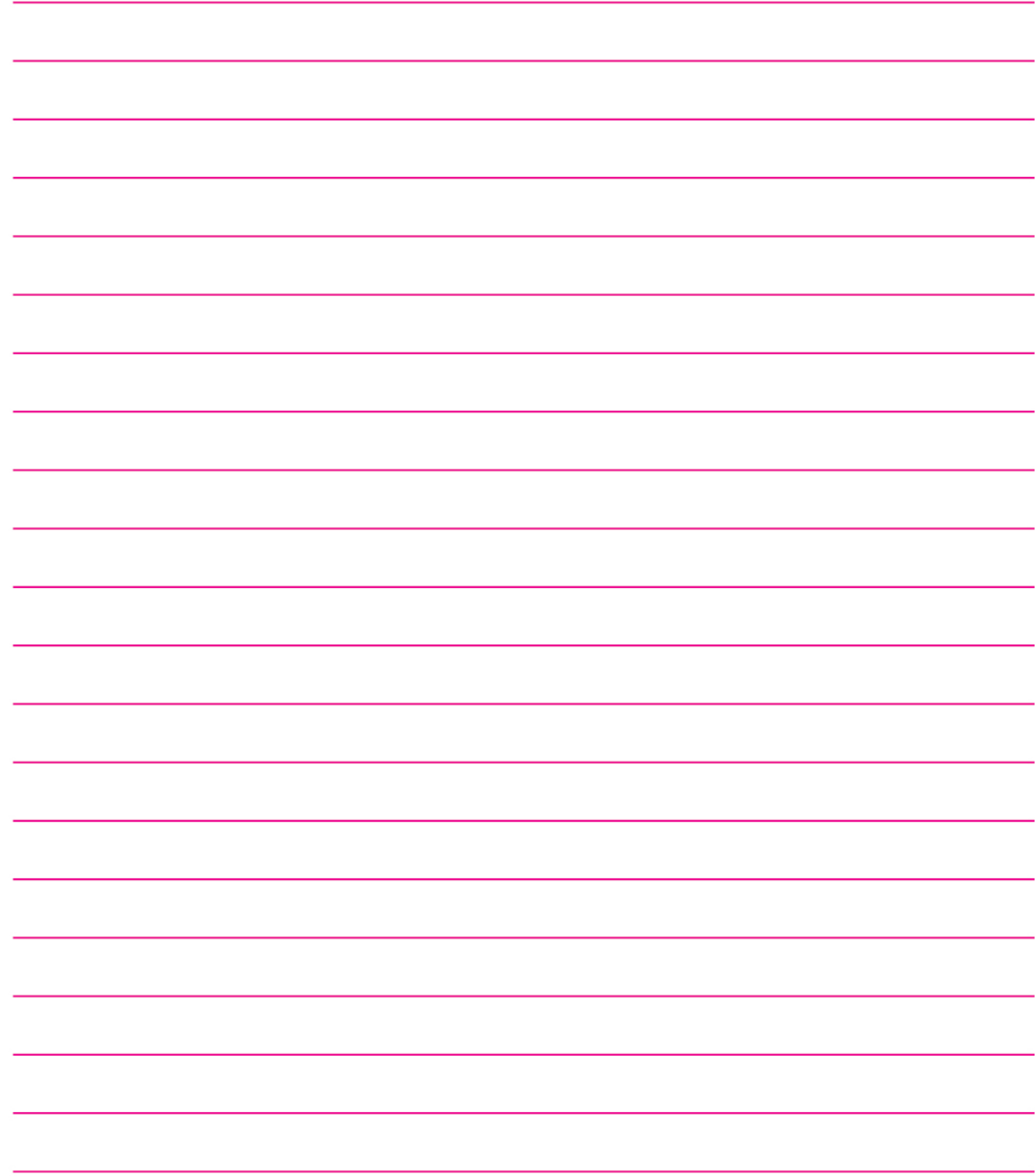
芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)				绝缘外径 diameter over insulation (mm)		电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
	power core	earth core	power core		earth core		power core	earth core								
			Cu	Al	Cu	Al				Cu	Al		Cu	Al	Cu	Al
4x1.5	1.6	1.6	12.10	-	-	-	3.0	11.2	164	-	168	20	-	31	-	
4x2.5	2.0	2.0	7.41	-	-	-	3.4	12.2	213	-	182	27	-	41	-	
4x4	2.6	2.6	4.61	-	-	-	4.0	13.3	280	-	199	35	-	53	-	
4x6	3.1	3.1	3.08	-	-	-	4.5	14.5	364	-	218	45	-	66	-	
4x10	4.1	4.1	1.83	-	-	-	5.7	17.7	563	-	265	63	-	90	-	
4x16	5.1	5.1	1.15	-	-	-	6.8	20.2	815	-	304	84	-	117	-	
4x25	6.0	6.0	0.73	1.20	-	-	8.0	23.7	1194	590	356	113	88	151	117	
4x35	7.0	7.0	0.52	0.87	-	-	9.0	26.1	1582	743	392	139	108	181	140	
4x50	8.3	8.3	0.39	0.64	-	-	10.5	30.0	2050	912	450	161	125	210	163	
4x70	9.9	9.9	0.27	0.44	-	-	12.3	34.5	2866	1223	518	204	158	257	200	
4x95	11.5	11.5	0.19	0.32	-	-	13.9	38.6	3871	1590	579	252	195	310	240	
4x120	12.9	12.9	0.15	0.25	-	-	15.5	42.9	4851	1969	644	291	226	351	273	
4x150	14.4	14.4	0.12	0.21	-	-	17.4	47.7	5951	2404	716	333	258	393	305	
4x240	18.3	18.3	0.08	0.13	-	-	21.9	59.4	9632	3800	892	457	356	516	402	
4x300	20.4	20.4	0.06	0.10	-	-	24.2	65.4	11984	4667	981	527	410	583	454	

YJV/YJLV 4+1 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)				绝缘外径 diameter over insulation (mm)		电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
	power core	earth core	power core		earth core		power core	earth core								
			Cu	Al	Cu	Al				Cu	Al		Cu	Al	Cu	Al
4x2.5+1x1.5	2.0	1.6	7.41	-	12.10	-	3.4	3.0	12.9	232	-	194	-	-	30	-
4x4+1x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	14.2	313	-	212	31	-	39	-
4x6+1x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	15.5	416	-	233	38	-	48	-
4x10+1x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	18.7	634	-	280	54	-	66	-
4x16+1x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	21.7	947	-	325	70	-	86	-
4x25+1x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	25.4	1358	-	381	91	-	112	-
4x35+1x16	7.0	5.1	0.52	-	1.15	-	9.0	6.8	27.6	1738	-	414	111	-	133	-
4x50+1x25	8.3	6.0	0.39	0.64	0.73	1.20	10.5	8.0	31.8	2341	1052	476	135	135	158	122
4x70+1x35	9.9	7.0	0.27	0.44	0.52	0.87	12.3	9.0	36.6	3232	1377	550	170	164	199	153
4x95+1x50	11.5	8.3	0.19	0.32	0.39	0.64	13.9	10.5	41.1	4360	1793	617	217	194	235	189
4x120+1x70	12.9	9.9	0.15	0.25	0.27	0.44	15.5	12.3	46.0	5541	2246	690	247	223	265	209
4x150+1x95	14.4	9.9	0.12	0.21	0.27	0.44	17.4	12.3	50.6	6744	2784	759	288	252	306	235
4x185+1x95	16.0	11.5	0.10	0.16	0.19	0.32	19.4	13.9	56.1	8464	3455	841	328	305	341	265
4x240+1x120	18.3	12.9	0.08	0.13	0.15	0.25	21.9	15.5	63.0	10835	4277	945	393	346	444	306
4x300+1x150	20.4	14.4	0.06	0.10	0.12	0.21	24.2	17.4	69.5	13459	5249	1042	440	-	-	347

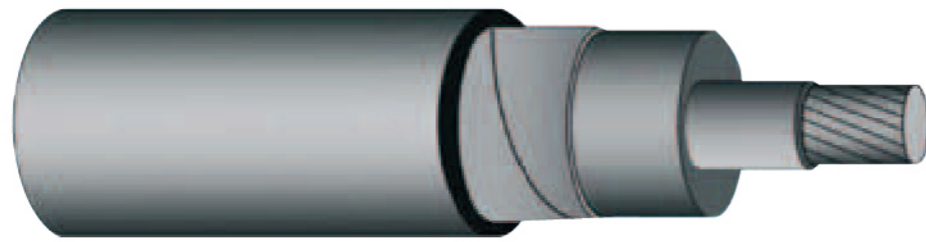
**YJV/YJLV 5 CORES**

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大直流电阻		绝缘外径 diameter over insulation  (mm)	电缆外径 outer diameter approx  (mm)	参考重量		最小弯曲半径 min bending radius  (mm)	载流量 (空气中)		载流量 (土壤中)	
		maximum DC resistance at 20°C (Ω/km)				weight of cable approx (kg/km)			current rating in air at 30°C (A)		current rating in ground at 20°C (A)	
		Cu	Al			Cu	Al		Cu	Al	Cu	Al
5×1.5	1.6	12.10	-	3.0	12.0	200	-	181	20	-	31	-
5×2.5	2.0	7.41	-	3.4	13.1	260	-	197	27	-	41	-
5×4	2.6	4.61	-	4.0	14.4	343	-	216	35	-	53	-
5×6	3.1	3.08	-	4.5	15.8	446	-	237	45	-	66	-
5×10	4.1	1.83	-	5.7	19.3	685	-	290	63	-	90	-
5×16	5.1	1.15	-	6.8	22.6	1100	-	339	84	-	117	-
5×25	6.0	0.73	1.20	8.0	26.0	1450	695	390	113	88	151	117
5×35	7.0	0.52	0.87	9.0	28.7	1917	868	431	139	108	181	140
5×50	8.3	0.39	0.64	10.5	33.2	2613	1190	498	161	125	210	163
5×70	9.9	0.27	0.44	12.3	38.3	3629	1573	574	204	158	257	200
5×95	11.5	0.19	0.32	13.9	43.0	4822	1969	645	252	195	310	240
5×120	12.9	0.15	0.25	15.5	47.6	6018	2414	714	291	226	351	273
5×150	14.4	0.12	0.21	17.4	53.1	7412	2975	797	333	258	393	305
3×185	16.0	0.10	0.16	19.4	59.0	9237	3688	885	385	299	445	346
5×240	18.3	0.08	0.13	21.9	66.2	11995	4698	993	457	356	516	402
5×300	20.4	0.06	0.10	24.2	72.8	14927	5774	1092	527	410	583	454





## 低压电力电缆 Low Voltage Power Cable



### Cable designation

YJV62 0.6/1kV 1 CORE

### Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Insulation**  
XLPE compound
- > **Bedding**  
non hygroscopic compound
- > **Armour**  
aluminum tapes
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV62 N×Size 0.6/1kV Year"

### Standards applicable

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

### 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 铝带铠聚氯乙烯护套电力电缆 0.6/1kV 1 芯

### 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **绝缘**  
交联聚乙烯
- > **内衬层**  
非吸湿性材料
- > **铠装**  
铝带铠
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 62 N × Size 0.6/1kV Year"

### 应用标准

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



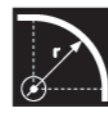
EXCELLENT



STANDARD



0 °C



20 D



PB



90 °C  
NORMAL  
OPERATION  
TEMPERATURE



250 °C  
SHORT  
CIRCUIT  
TEMPERATURE

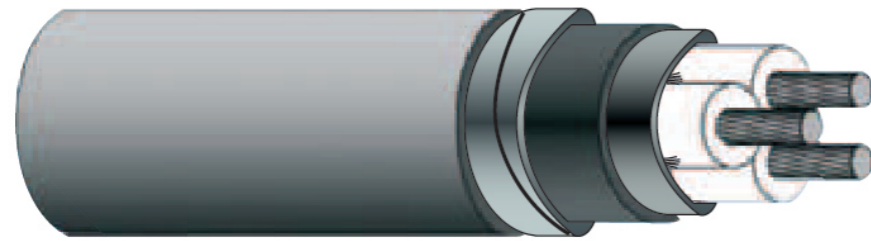
### YJV 62/YJLV 62 1 CORE

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)
		Cu	Al				
1×95	11.5	0.19	0.32	13.9	16.5	0.5	19.0
1×120	12.9	0.15	0.25	15.5	18.1	0.5	20.6
1×150	14.4	0.12	0.21	17.4	20.0	0.5	22.5
1×185	16.0	0.10	0.16	19.4	22.0	0.5	24.5
1×240	18.3	0.08	0.13	21.9	24.7	0.5	27.2
1×300	20.4	0.06	0.10	24.2	27.0	0.5	29.5

### YJV 62/YJLV 62 1 CORE

电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
	Cu	Al		Cu	Al	Cu	Al
22.81	1244	676	456.20	375	290	342	265
24.41	1500	783	488.20	435	340	388	301
26.35	1796	913	527.00	500	390	436	338
28.35	2175	1070	567.00	580	450	496	385
31.05	2755	1302	621.00	685	535	577	449
33.57	3371	1548	671.40	795	615	654	508

## 低压电力电缆 Low Voltage Power Cable



### Cable designation

YJV22 0.6/1kV MULTI CORE

### Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Insulation**  
XLPE compound
- > **Fillers**  
PP filler
- > **Bedding**  
non hygroscopic compound
- > **Armour**  
galvanized steel tapes
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV22 N×Size 0.6/1kV Year"

### Standards applicable

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C

NORMAL OPERATION TEMPERATURE



250 °C

SHORT CIRCUIT TEMPERATURE

### 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 钢带铠装聚乙烯护套电力电缆 0.6/1kV 多芯

### 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **绝缘**  
交联聚乙烯
- > **填充**  
PP 填充绳
- > **内衬层**  
非吸湿性材料
- > **铠装**  
镀锌钢带铠
- > **护套**  
聚乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 22 N × Size 0.6/1kV Year"

### 应用标准

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

### YJV 22/YJLV 22 2 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C (A)		载流量(土壤中) current rating in ground at 20°C (A)	
		Cu	Al						Cu	Al		Cu	Al	Cu	Al
2×25	6.0	0.73	1.20	8.0	18.5	0.2	21.0	24.9	931 629	373	138 132	135 105			
2×35	7.0	0.52	0.87	9.0	20.7	0.2	23.2	27.0	1276 857	405	173 161	160 125			
2×50	8.3	0.39	0.64	10.5	25.7	0.2	28.2	32.0	1583 974	480	207 201	195 150			
2×70	9.9	0.27	0.44	12.3	27.7	0.2	30.2	34.3	1900 1079	514	264 247	240 185			
2×95	11.5	0.19	0.32	13.9	31.2	0.2	33.7	38.0	2480 1340	570	322 288	285 220			
2×120	12.9	0.15	0.25	15.5	34.4	0.5	36.9	41.4	3087 1648	621	374 334	325 230			
2×150	14.4	0.12	0.21	17.4	38.3	0.5	40.8	45.7	3666 1895	685	431 385	365 285			
2×185	16.0	0.10	0.16	19.4	42.7	0.5	45.2	50.3	4513 2298	755	495 454	415 320			
2×240	18.3	0.08	0.13	21.9	48.1	0.5	50.6	56.2	5757 2843	842	587 523	480 375			
2×300	20.4	0.06	0.10	24.2	53.1	0.5	55.6	61.4	7075 3420	921	673 621	545 425			

### YJV 22/YJLV 22 3 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C (A)		载流量(土壤中) current rating in ground at 20°C (A)	
		Cu	Al						Cu	Al		Cu	Al	Cu	Al
3×2.5	2.0	7.41	-	3.4	10.0	0.2	10.8	15.1	359 -	226	27 -	41 -			
3×4	2.6	4.61	-	4.0	11.2	0.2	11.2	16.2	433 -	244	35 -	53 -			
3×6	3.1	3.08	-	4.5	12.4	0.2	13.2	17.6	531 -	264	45 -	66 -			
3×10	4.1	1.83	-	5.7	14.4	0.2	15.2	19.1	727 -	298	63 -	90 -			
3×16	5.1	1.15	-	6.8	16.7	0.2	17.5	21.5	917 -	340	84 -	117 -			
3×25	6.0	0.73	1.20	8.0	20.4	0.2	21.2	25.8	1277 824	387	113 88	151 117			
3×35	7.0	0.52	0.87	9.0	21.7	0.2	22.6	28.5	1627 998	428	139 108	181 140			
3×50	8.3	0.39	0.64	10.5	25.3	0.2	26.1	31.7	2056 1203	476	161 125	210 163			
3×70	9.9	0.27	0.44	12.3	29.0	0.2	29.8	36.2	2800 1568	543	204 158	257 200			
3×95	11.5	0.19	0.32	13.9	34.2	0.5	36.7	40.2	3647 1934	603	252 195	310 240			
3×120	12.9	0.15	0.25	15.5	37.7	0.5	40.2	46.0	4937 2777	689	291 226	351 273			
3×150	14.4	0.12	0.21	17.4	40.1	0.5	42.1	50.9	5995 3336	764	333 258	393 305			
3×185	16.0	0.10	0.16	19.4	46.9	0.5	49.4	55.8	7296 3971	838	385 299	445 346			
3×240	18.3	0.08	0.13	21.9	50.7	0.5	52.7	62.5	9294 4921	937	457 356	516 402			



**YJV 22/YJLV 22 3+1 CORES**

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C  (Ω/km)				绝缘外径 diameter over insulation approx  (mm)		挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx  (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C  (A)		载流量(土壤中) current rating in ground at 20°C  (A)	
	power core	earth core	power core	earth core	power core	earth core	power core	earth core					Cu	Al		Cu	Al	Cu	Al
3x2.5+1x1.5	2.0	1.6	7.41	-	12.10	-	3.4	3.0	10.8	0.2	11.6	15.8	389	-	236	-	-	29	-
3x4+1x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	12.0	0.2	12.8	17.0	474	-	255	31	-	38	-
3x6+1x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	13.7	0.2	14.5	18.7	598	-	280	38	-	47	-
3x10+1x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	15.8	0.2	16.6	20.8	803	-	312	54	-	65	-
3x16+1x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	18.9	0.2	19.7	24.3	1064	-	364	70	-	84	-
3x25+1x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	22.2	0.2	23.0	27.6	1466	-	414	91	-	110	-
3x35+1x16	7.0	5.1	0.52	-	1.15	-	9.0	6.8	24.2	0.2	25.0	29.6	1786	-	444	111	-	130	-
3x50+1x25	8.3	6.0	0.39	0.64	0.73	1.20	10.5	8.0	27.7	0.2	28.5	33.3	2331	1305	499	135	132	155	120
3x70+1x35	9.9	7.0	0.27	0.44	0.52	0.87	12.3	9.0	32.0	0.2	32.8	37.8	3184	1742	567	170	161	195	150
3x95+1x50	11.5	8.3	0.19	0.32	0.39	0.64	13.9	10.5	35.9	0.5	38.4	44.2	4682	2687	663	217	190	230	185
3x120+1x70	12.9	9.9	0.15	0.25	0.27	0.44	15.5	12.3	39.9	0.5	42.4	48.4	5614	3042	725	246	219	260	205
3x150+1x70	14.4	9.9	0.12	0.21	0.27	0.44	17.4	12.3	44.3	0.5	46.8	53.0	6765	3693	796	287	247	300	230
3x185+1x95	16.0	11.5	0.10	0.16	0.19	0.32	19.4	13.9	49.0	0.5	51.5	58.1	8360	4463	871	327	299	335	260
3x240+1x120	18.3	12.9	0.08	0.13	0.15	0.25	21.9	15.5	55.3	0.5	57.8	65.2	10661	5565	978	392	339	390	300

**YJV 22/YJLV 22 3+2 CORES**

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C  (Ω/km)				绝缘外径 diameter over insulation approx  (mm)		挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx  (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C  (A)		载流量(土壤中) current rating in ground at 20°C  (A)	
	power core	earth core	power core	earth core	power core	earth core	power core	earth core					Cu	Al		Cu	Al	Cu	Al
3x2.5+2x1.5	2.0	1.6	7.41	-	12.10	-	3.4	3.0	11.6	0.2	12.4	16.6	447	-	249	-	-	30	-
3x4+2x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	13.2	0.2	14.0	18.2	559	-	273	32	-	39	-
3x6+2x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	14.8	0.2	15.6	19.8	696	-	297	39	-	48	-
3x10+2x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	17.0	0.2	17.8	22.4	953	-	336	55	-	66	-
3x16+2x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	20.4	0.2	21.2	25.8	1223	-	386	71	-	86	-
3x25+2x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	24.0	0.2	24.8	29.4	1705	-	441	91	-	112	-
3x35+2x16	7.0	5.1	0.52	-	1.15	-	9.0	6.8	25.7	0.2	26.5	31.1	1983	-	467	112	-	133	-
3x50+2x25	8.3	6.0	0.39	0.64	0.73	1.20	10.5	8.0	29.5	0.2	30.3	35.1	2663	1507	527	137	135	158	122
3x70+2x35	9.9	7.0	0.27	0.44	0.52	0.87	12.3	9.0	34.0	0.5	34.8	40.0	3660	2007	600	173	164	199	153
3x95+2x50	11.5	8.3	0.19	0.32	0.39	0.64	13.9	10.5	38.3	0.5	40.8	46.8	5298	3017	702	221	194	235	189
3x120+2x70	12.9	9.9	0.15	0.25	0.27	0.44	15.5	12.3	43.7	0.5	46.2	52.4	6738	3754	786	250	223	265	209
3x150+2x70	14.4	9.9	0.12	0.21	0.27	0.44	17.4	12.3	46.9	0.5	49.4	55.8	7667	4183	836	290	252	306	265
3x185+2x95	16.0	11.5	0.10	0.16	0.19	0.32	19.4	13.9	52.3	0.5	54.8	61.6	9592	5122	924	330	305	341	306
3x240+2x120	18.3	12.9	0.08	0.13	0.15	0.25	21.9	15.5	58.5	0.5	61.0	68.6	12017	6197	1028	398	346	398	347

**YJV 22/YJLV 22 4 CORES**

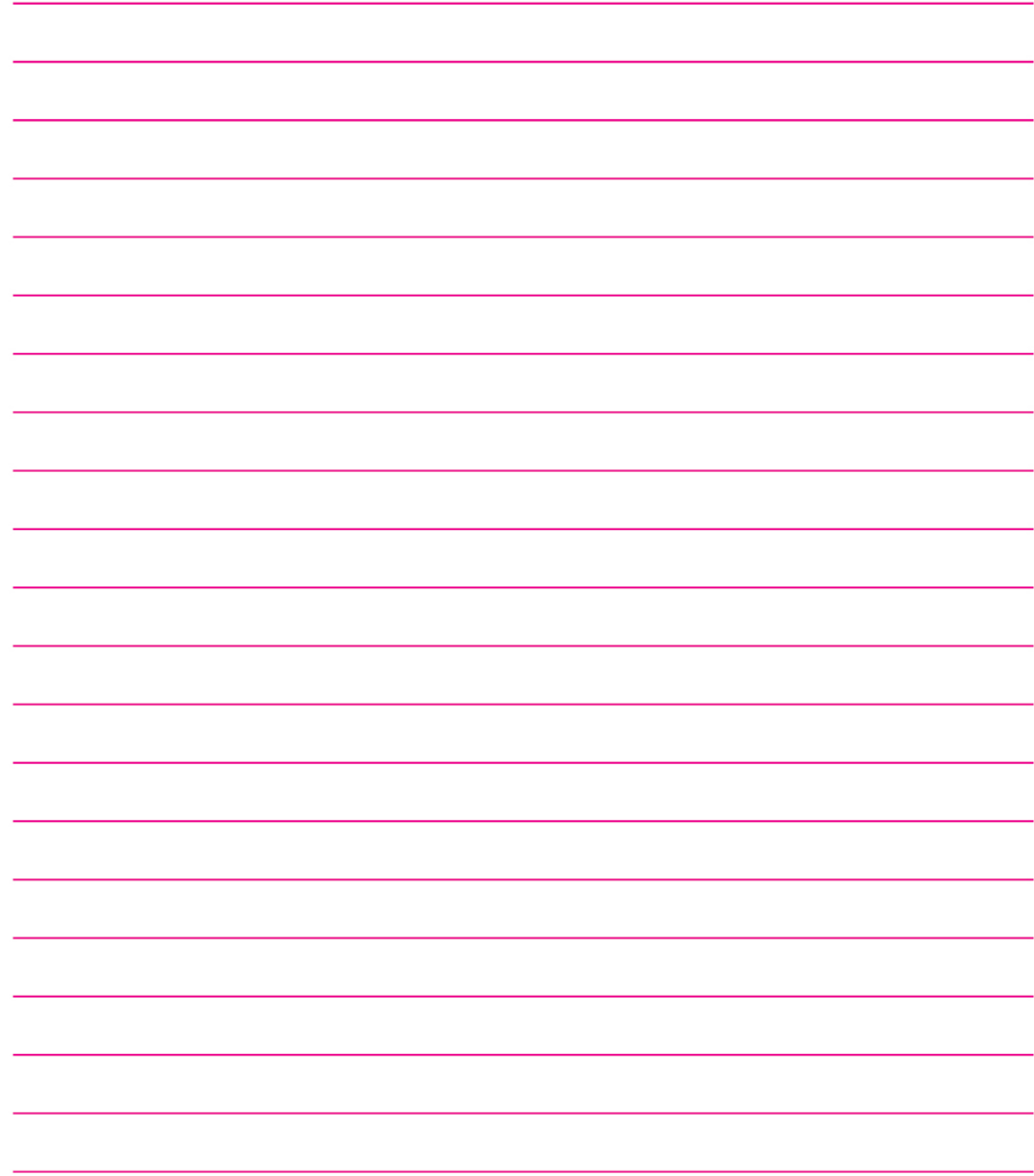
芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C  (Ω/km)				绝缘外径 diameter over insulation approx  (mm)		挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx  (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C  (A)		载流量(土壤中) current rating in ground at 20°C  (A)	
	power core	earth core	power core	earth core	power core	earth core	power core	earth core					Cu	Al		Cu	Al	Cu	Al
4x1.5	1.6	1.6	12.10	-	-	-	3.0	10.0	0.2	10.8	15.0	339	-	225	20	-	31	-	
4x2.5	2.0	2.0	7.41	-	-	-	3.4	11.0	0.2	11.8	11.0	407	-	165	27	-	41	-	
4x4	2.6	2.6	4.61	-	-	-	4.0	12.3	0.2	13.1	17.3	498	-	260	35	-	53	-	
4x6	3.1	3.1	3.08	-	-	-	4.5	14.0	0.2	14.8	19.0	628	-	285	45	-	66	-	
4x10	4.1	4.1	1.83	-	-	-	5.7	16.3	0.2	17.1	21.3	860	-	320	63	-	90	-	
4x16	5.1	5.1	1.15	-	-	-	6.8	19.5	0.2	20.3	24.9	1131	-	373	84	-	117	-	
4x25	6.0	6.0	0.73	-	-	-	8.0	22.9	0.2	23.7	28.3	1561	-	425	113	-	151	-	
4x35	7.0	7.0	0.52	0.87	-	-	9.0	25.5	0.2	26.3	30.9	1986	1148	463	139	108	181	140	
4x50	8.3	8.3	0.39	0.64	-	-	10.5	29.1	0.2	29.9	34.7	2596	1458	520	161	125	210	163	
4x70	9.9	9.9	0.27	0.44	-	-	12.3	33.8	0.5	34.6	39.6	3520	1877	594	204	158	257	200	
4x95	11.5	11.5	0.19	0.32	-	-	13.9	37.8	0.5	40.3	46.1	5131	2850	692	252	195	310	240	
4x120	12.9	12.9	0.15	0.25	-	-	15.5	42.1	0.5	44.6	50.8	6337	3455	762	291	226	351	273	
4x150	14.4	14.4	0.12	0.21	-	-	17.4	47.2	0.5	49.7	56.1	7637	4090	841	333	258	393	305	
4x185	16.0	16.0	0.10	0.16	-	-	19.4	52.0	0.5	54.5	61.3	9303	4867	920	385	299	445	346	
4x240	18.3	18.3	0.08	0.13	-	-	21.9	58.9	0.5	61.4	69.0	11997	6164	1035	457	356	516	402	

**YJV 22/YJLV 22 4+1 CORES**

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)		20°C时导体最大直流电阻 maximum DC resistance at 20°C  (Ω/km)				绝缘外径 diameter over insulation approx  (mm)		挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape (mm)	铠后外径 thickness over armour (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx  (kg/km)		最小弯曲半径 min bending radius (mm)	载流量(空气中) current rating in air at 30°C  (A)		载流量(土壤中) current rating in ground at 20°C  (A)	
	power core	earth core	power core	earth core	power core	earth core	power core	earth core					Cu	Al		Cu	Al	Cu	Al
4x2.5+1x1.5	2.0	1.6	7.41	-	12.10	-	3.4	3.0	11.8	0.2	12.6	16.8	444	-	252	-	-	30	-
4x4+1x2.5	2.6	2.0	4.61	-	7.41	-	4.0	3.4	13.4	0.2	14.2	18.4	556	-	276	32	-	39	-
4x6+1x4	3.1	2.6	3.08	-	4.61	-	4.5	4.0	15.1	0.2	15.9	20.1	694	-	301	39	-	48	-
4x10+1x6	4.1	3.1	1.83	-	3.08	-	5.7	4.5	17.5	0.2	18.3	22.9	968	-	343	55	-	66	-
4x16+1x10	5.1	4.1	1.15	-	1.83	-	6.8	5.7	20.9	0.2	21.7	26.3	1269	-	394	71	-	86	-
4x25+1x16	6.0	5.1	0.73	-	1.15	-	8.0	6.8	24.6	0.2	25.4	30.0	1777	-	450	91	-	112	-
4x35+1x16	7.0	5.1	0.52	-	1.15	-	9.0	6.8	26.9	0.2	27.7	32.3	2192	-	485	112	-	133	-
4x50+1x25	8.3	6.0	0.39	0.64	0.73	1.20	10.5	8.0	31.3	0.2	32.1	37.1	2961	1672	556	137	135	158	122
4x70+1x35	9.9	7.0	0.27	0.44	0.52	0.87	12.3	9.0	35.8	0.5	38.3	44.1	4375	2521	661	173	164	199	153
4x95+1x50	11.5	8.3	0.19	0.32	0.39	0.64	13.9	10.5	40.2	0.5	42.7	48.7	5682	3115	730	221	194	235	189
4x120+1x70	12.9	9.9	0.15	0.25	0.27	0.44	15.5	12.3	45.4	0.5	47.9	54.3	7101	3807	814	250	223	265	209
4x150+1x70	14.4	9.9	0.12	0.21	0.27	0.44	17.4	12.3	49.7	0.5	52.2	58.8	8500	4540	882	290	252	306	265
4x185+1x95	16.0	11.5	0.10	0.16	0.19	0.32	19.4	13.9	55.3	0.5	57.8	65.2	10537	5528	978	330	305	341	306
4x240+1x120	18.3	12.9	0.08	0.13	0.15	0.25	21.9	15.5	62.1	0.5	64.6	72.4	13179	6621	1085	398	346	398	347

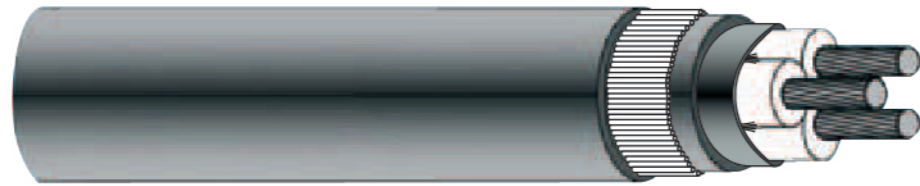
**YJV 22/YJLV 22 5 CORES**

芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大直流电阻		绝缘外径 diameter over insulation approx  (mm)	挤出型内衬层外径 diameter over extruded inner covering (mm)	带厚 thickness of armour tape  (mm)	铠后外径 diameter over armour  (mm)	电缆外径 outer diameter approx  (mm)	参考重量		最小弯曲半径 min bending radius  (mm)	载流量 (空气中)		载流量 (土壤中)	
		maximum DC resistance at 20°C							weight of cable approx			current rating in air at 30°C		current rating in ground at 20°C	
		(Ω/km)							(kg/km)			(A)		(A)	
		Cu	Al						Cu	Al		Cu	Al	Cu	Al
5×1.5	1.6	12.10	-	3.0	10.9	0.2	11.7	14.4	379	-	217	20	-	31	-
5×2.5	2.0	7.41	-	3.4	12.0	0.2	12.8	17.0	460	-	256	27	-	41	-
5×4	2.6	4.61	-	4.0	13.7	0.2	14.5	18.7	577	-	280	35	-	53	-
5×6	3.1	3.08	-	4.5	15.4	0.2	16.2	20.4	722	-	306	45	-	66	-
5×10	4.1	1.83	-	5.7	18.0	0.2	18.8	23.4	1024	-	351	63	-	90	-
5×16	5.1	1.15	-	6.8	21.4	0.2	22.2	26.8	1338	-	403	84	-	117	-
5×25	6.00	0.73	1.20	8.0	25.2	0.2	26.0	30.6	1871	1116	459	113	88	151	117
5×35	7.00	0.52	0.87	9.0	28.1	0.2	28.9	33.7	2403	1260	505	139	108	181	140
5×50	8.30	0.39	0.64	10.5	32.5	0.2	33.3	38.3	3221	1798	575	161	125	210	163
5×70	9.90	0.27	0.44	12.3	37.4	0.5	39.9	45.7	4800	2744	685	204	158	257	200
5×95	11.50	0.19	0.32	13.9	42.3	0.5	44.8	50.8	6289	3437	762	252	195	310	240
5×120	12.90	0.15	0.25	15.5	47.0	0.5	49.5	55.9	7702	4098	839	291	226	351	273
5×150	14.40	0.12	0.21	17.4	52.2	0.5	54.7	61.5	9348	4911	923	333	258	393	305
3×185	16.00	0.10	0.16	19.4	58.0	0.5	60.5	68.1	11554	6006	1022	385	299	445	346
5×240	18.30	0.08	0.13	21.9	65.7	0.5	68.2	76.2	14723	7426	1143	457	356	516	402





# 低压电力电缆 Low Voltage Power Cable



## Cable designation

YJV32 0.6/1kV MULTI CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Insulation**  
XLPE compound
- > **Fillers**  
PP filler
- > **Bedding**  
non hygroscopic compound
- > **Armour**  
galvanized steel wires
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV32 N x Size 0.6/1kV Year"

## Standards applicable

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 钢丝铠聚乙烯护套电力电缆 0.6/1kV 多芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **绝缘**  
交联聚乙烯
- > **填充**  
PP 填充绳
- > **内衬层**  
非吸湿性材料
- > **铠装**  
镀锌钢丝铠
- > **护套**  
聚乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 32 N x Size 0.6/1kV Year"

## 应用标准

IEC 60502.1  
GB 12706.1  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C

NORMAL OPERATION TEMPERATURE



250 °C

SHORT CIRCUIT TEMPERATURE

## YJV 32/YJLV 32 2 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘厚度 insulation thickness approx (mm)	钢丝直径 diameter of armour wires (mm)	护套厚度 sheath thickness approx (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
		Cu	Al					Cu	Al		Cu	Al	Cu	Al
		2×10	4.1					1.83	3.08		0.7	1.3	1.8	18.5
2×16	5.1	1.15	1.91	0.7	1.3	1.8	20.4	1010	921	285	110	109	105	83
2×25	6.0	0.73	1.20	0.9	1.6	1.8	24.3	1510	1156	340	138	132	135	105
2×35	7.0	0.52	0.87	0.9	1.6	1.8	26.4	1820	1328	370	173	161	160	125
2×50	8.3	0.39	0.64	1.0	1.6	1.9	28.9	2230	1581	405	207	201	195	150
2×70	9.9	0.27	0.44	1.1	1.6	2.0	33.1	2930	2206	465	264	247	240	185
2×95	11.5	0.19	0.32	1.1	2.0	2.1	37.7	3990	2614	530	322	288	285	220
2×120	12.9	0.15	0.25	1.2	2.0	2.3	41.5	4810	3042	580	374	334	325	230
2×150	14.4	0.12	0.21	1.4	2.0	2.4	45.3	5690	4014	635	431	385	365	285
2×185	16.0	0.10	0.16	1.6	2.5	2.6	50.8	7300	4631	710	495	454	415	320

## YJV 32/YJLV 32 3 CORES

芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘厚度 insulation thickness approx (mm)	钢丝直径 diameter of armour wires (mm)	护套厚度 sheath thickness approx (mm)	电缆外径 outer diameter approx (mm)	参考重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	载流量 (空气中) current rating in air at 30°C (A)		载流量 (土壤中) current rating in ground at 20°C (A)	
		Cu	Al					Cu	Al		Cu	Al	Cu	Al
		3×10	4.1					1.83	3.08		0.7	1.3	1.8	19.3
3×16	5.1	1.15	1.91	0.7	1.3	1.8	21.3	1170	1017	300	90	89	86	68
3×25	6.0	0.73	1.20	0.9	1.6	1.8	25.6	1760	1296	360	113	108	111	86
3×35	7.0	0.52	0.87	0.9	1.6	1.8	27.8	2160	1504	390	142	132	131	103
3×50	8.3	0.39	0.64	1.0	1.6	1.9	30.7	2700	1821	430	170	165	160	123
3×70	9.9	0.27	0.44	1.1	2.0	2.0	36.2	3850	2542	505	216	203	197	152
3×95	11.5	0.19	0.32	1.1	2.0	2.1	40.0	4880	3043	560	264	236	234	180
3×120	12.9	0.15	0.25	1.2	2.0	2.3	44.1	4900	3542	620	307	274	267	203
3×150	14.4	0.12	0.21	1.4	2.5	2.4	49.8	7550	4673	695	353	316	299	234
3×185	16.0	0.10	0.16	1.6	2.5	2.6	54.0	9010	5476	755	406	372	340	262

YJV 32/YJLV 32 3+1 CORES

芯数 × 截面 cross section	导体直径 diameter of conductor		20°C时导体最大直流电阻 maximum DC resistance at 20°C				绝缘厚度 insulation thickness approx		钢丝直径 diameter of armour wires	护套厚度 sheath thickness approx	电缆外径 outer diameter approx	参考重量 weight of cable approx		最小弯曲半径 min bending radius	载流量 (空气中) current rating in air at 30°C		载流量 (土壤中) current rating in ground at 20°C	
			(mm <sup>2</sup> )		(Ω/km)							(kg/km)			(A)		(A)	
			power core	earth core	power core	earth core						Cu	Al		Cu	Al	Cu	Al
3×10+1×6	4.1	3.1	1.83	-	3.08	-	0.7	0.7	1.3	1.8	22.4	1137	-	336	68	-	68	-
3×16+1×10	5.1	4.1	1.15	-	1.83	-	0.7	0.7	1.3	1.8	25.0	1471	-	375	89	-	86	-
3×25+1×16	6.0	5.1	0.73	-	1.15	-	0.9	0.7	1.6	1.8	28.8	1984	-	432	91	-	110	-
3×35+1×16	7.0	5.1	0.52	-	1.15	-	0.9	0.7	1.6	1.9	31.0	2372	-	465	111	-	130	-
3×50+1×25	8.3	6.0	0.39	0.64	0.73	1.20	1.0	0.9	1.6	2.1	35.1	3030	1961	527	135	132	155	120
3×70+1×35	9.9	7.0	0.27	0.44	0.52	0.87	1.1	0.9	1.6	2.3	40.8	4254	2718	612	170	161	195	150
3×95+1×50	11.5	8.3	0.19	0.32	0.39	0.64	1.1	1.0	2.0	2.5	45.5	5379	3256	683	217	190	230	185
3×120+1×70	12.9	9.9	0.15	0.25	0.27	0.44	1.2	1.1	2.0	2.6	51.4	7152	4415	771	246	219	260	205
3×150+1×70	14.4	9.9	0.12	0.21	0.27	0.44	1.4	1.1	2.5	2.7	55.3	8261	4998	830	287	247	300	230
3×185+1×95	16.0	11.5	0.10	0.16	0.19	0.32	1.6	1.1	2.5	2.9	61.0	10027	5878	915	385	299	445	346
3×240+1×120	18.3	12.9	0.08	0.13	0.15	0.25	1.7	1.2	2.5	3.2	67.8	12487	7063	1017	457	356	516	402

YJV 32/YJLV 32 3+2 CORES

芯数 × 截面 cross section	导体直径 diameter of conductor		20°C时导体最大直流电阻 maximum DC resistance at 20°C				绝缘厚度 insulation thickness approx		钢丝直径 diameter of armour wires	护套厚度 sheath thickness approx	电缆外径 outer diameter approx	参考重量 weight of cable approx		最小弯曲半径 min bending radius	载流量 (空气中) current rating in air at 30°C		载流量 (土壤中) current rating in ground at 20°C	
			(mm <sup>2</sup> )		(Ω/km)							(kg/km)			(A)		(A)	
			power core	earth core	power core	earth core						Cu	Al		Cu	Al	Cu	Al
3×10+2×6	4.1	3.1	1.83	-	3.08	-	0.7	0.7	1.3	1.8	23.3	1244	-	350	55	-	66	-
3×16+2×10	5.1	4.1	1.15	-	1.83	-	0.7	0.7	1.3	1.8	26.4	1639	-	396	71	-	86	-
3×25+2×16	6.0	5.1	0.73	-	1.15	-	0.9	0.7	1.6	1.8	30.3	2217	-	455	91	-	112	-
3×35+2×16	7.0	5.1	0.52	-	1.15	-	0.9	0.7	1.6	1.9	32.4	2596	-	486	112	-	133	-
3×50+2×25	8.3	6.0	0.39	0.64	0.73	1.20	1.0	0.9	1.6	2.1	37.9	3640	2409	569	137	106	158	122
3×70+2×35	9.9	7.0	0.27	0.44	0.52	0.87	1.1	0.9	1.6	2.3	43.0	4722	2963	645	173	135	199	153
3×95+2×50	11.5	8.3	0.19	0.32	0.39	0.64	1.1	1.0	2.0	2.5	49.3	6555	4121	740	221	164	235	189
3×120+2×70	12.9	9.9	0.15	0.25	0.27	0.44	1.2	1.1	2.0	2.6	54.6	8067	4893	819	250	194	265	209
3×150+2×70	14.4	9.9	0.12	0.21	0.27	0.44	1.4	1.1	2.5	2.7	58.4	9187	5487	876	290	223	306	235
3×185+2×95	16.0	11.5	0.10	0.16	0.19	0.32	1.6	1.1	2.5	2.9	64.5	11246	6490	968	330	252	341	265
3×240+2×120	18.3	12.9	0.08	0.13	0.15	0.25	1.7	1.2	2.5	3.2	71.7	13986	7796	1076	398	305	398	306

YJV 32/YJLV 32 4 CORES

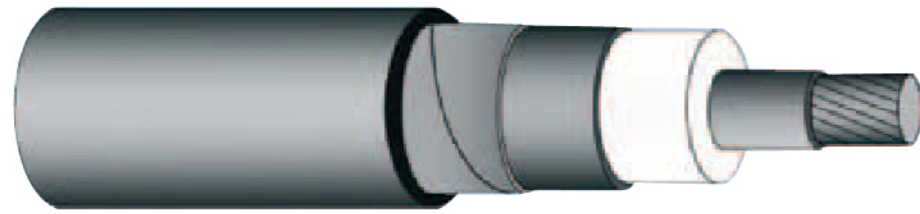
芯数 × 截面 cross section	导体直径 diameter of conductor		20°C时导体最大直流电阻 maximum DC resistance at 20°C				绝缘厚度 insulation thickness approx		钢丝直径 diameter of armour wires	护套厚度 sheath thickness approx	电缆外径 outer diameter approx	参考重量 weight of cable approx		最小弯曲半径 min bending radius	载流量 (空气中) current rating in air at 30°C		载流量 (土壤中) current rating in ground at 20°C	
			(mm <sup>2</sup> )		(Ω/km)							(kg/km)			(A)		(A)	
			power core	earth core	power core	earth core						Cu	Al		Cu	Al	Cu	Al
4×10	4.1	3.1	1.83	-	-	-	0.7	0.7	1.3	1.8	20.6	1060	-	290	72	-	88	-
4×16	5.1	4.1	1.15	-	-	-	0.7	0.7	1.6	1.8	23.6	1540	-	330	96	-	114	-
4×25	6.0	5.1	0.73	-	1.20	-	0.9	0.7	1.6	1.8	27.6	2080	1487	385	129	85	149	84
4×35	7.0	5.1	0.52	-	0.87	-	0.9	0.7	1.6	1.8	30.3	2610	1755	425	158	104	179	100
4×50	8.3	6.0	0.39	0.64	0.73	1.20	1.0	0.9	1.6	1.9	33.5	3270	2384	470	193	132	212	120
4×70	9.9	7.0	0.27	0.44	0.52	0.87	1.1	0.9	1.6	2.0	39.7	4680	2985	555	245	161	259	150
4×95	11.5	8.3	0.19	0.32	0.39	0.64	1.1	1.0	2.0	2.1	43.8	5970	3599	615	302	190	310	185
4×120	12.9	9.9	0.15	0.25	0.27	0.44	1.2	1.1	2.5	2.3	49.9	7770	4779	700	351	219	353	205
4×150	14.4	9.9	0.12	0.21	0.27	0.44	1.4	1.1	2.5	2.4	54.4	9240	5591	760	399	247	392	230
4×185	16.0	11.5	0.10	0.16	0.19	0.32	1.6	1.1	2.5	2.6	59.3	11090	6549	830	460	299	440	260

YJV 32/YJLV 32 4+1 CORES

芯数 × 截面 cross section	导体直径 diameter of conductor		20°C时导体最大直流电阻 maximum DC resistance at 20°C				绝缘厚度 insulation thickness approx		钢丝直径 diameter of armour wires	护套厚度 sheath thickness approx	电缆外径 outer diameter approx	参考重量 weight of cable approx		最小弯曲半径 min bending radius	载流量 (空气中) current rating in air at 30°C		载流量 (土壤中) current rating in ground at 20°C	
			(mm <sup>2</sup> )		(Ω/km)							(kg/km)			(A)		(A)	
			power core	earth core	power core	earth core						Cu	Al		Cu	Al	Cu	Al
4×10+1×6	4.1	3.1	1.83	-	3.08	-	0.7	0.7	1.3	1.8	24.0	1317	-	360	39	-	66	-
4×16+1×10	5.1	4.1	1.15	-	1.83	-	0.7	0.7	1.3	1.8	27.0	1722	-	405	55	-	86	-
4×25+1×16	6.0	5.1	0.73	-	1.15	-	0.9	0.7	1.6	1.8	31.5	2370	-	473	71	-	112	-
4×35+1×16	7.0	5.1	0.52	-	1.15	-	0.9	0.7	1.6	1.9	33.9	2858	-	509	91	-	133	-
4×50+1×25	8.3	6.0	0.39	0.64	0.73	1.20	1.0	0.9	1.6	2.1	39.8	3972	2599	597	135	112	158	122
4×70+1×35	9.9	7.0	0.27	0.44	0.52	0.87	1.1	0.9	1.6	2.3	45.1	5197	3224	677	164	137	199	153
4×95+1×50	11.5	8.3	0.19	0.32	0.39	0.64	1.1	1.0	2.0	2.5	51.7	7174	4447	776	194	173	235	189
4×120+1×70	12.9	9.9	0.15	0.25	0.27	0.44	1.2	1.1	2.0	2.6	56.8	8731	5228	852	223	221	265	209
4×150+1×70	14.4	9.9	0.12	0.21	0.27	0.44	1.4	1.1	2.5	2.7	61.4	10181	5977	921	252	250	306	235
4×185+1×95	16.0	11.5	0.10	0.16	0.19	0.32	1.6	1.1	2.5	2.9	68.0	12408	7077	1020	305	290	341	265
4×240+1×120	18.3	12.9	0.08	0.13	0.15	0.25	1.7	1.2	2.5	3.2	75.9	15550	8574	1139	346	330	398	306



# 中压电力电缆 Medium Voltage Power Cable



## Cable designation

YJV 3.6/6kV to 26/35kV 1 CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Semicond. Layer**  
extruded compound
- > **Insulation**  
XLPE compound
- > **Semicond. Layer**  
extruded compound
- > **Metallic screen**  
copper tapes
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV N x Size 3.6/6kV Year"

## Standards applicable

IEC 60502.2  
GB 12706  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents



IEC 60332-1



EXCELLENT



STANDARD



0 °C



20 D



PB



90 °C

NORMAL OPERATION TEMPERATURE



250 °C

SHORT CIRCUIT TEMPERATURE

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 3.6/6kV - 26/35kV 1 芯

## 结 构

- > **导 体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **导体屏蔽**  
挤出半导电复合材料
- > **绝 缘**  
交联聚乙烯
- > **导体屏蔽**  
挤出半导电复合材料
- > **金属屏蔽**  
铜带屏蔽
- > **护 套**  
聚氯乙烯
- > **印 字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV N x Size 3.6/6kV Year"

## 应用标准

IEC 60502.2  
GB 12706  
IEC 60332.1  
IEC 60332.2  
IEC 60332.3  
GB Equivalents

## YJV/YJLV 1 CORE

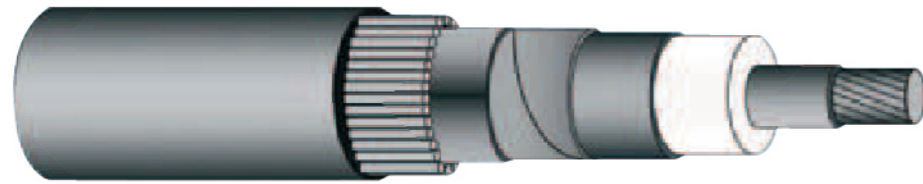
电压等级 voltage	芯数 × 截面 cross section	导体直径 diameter of conductor	20°C时导体最大直流电阻 maximum DC resistance at 20°C		绝缘外径 diameter over insulation approx	金属屏蔽外径 diameter over metallic screen approx	电缆外径 outer diameter approx	电缆重量 weight of cable approx		最小弯曲半径 min bending radius	导体短路电流 conductor short circuit current		载流量 (空气中) max current carrying capacity in air 30°C		载流量 (土壤中) max current carrying capacity in ground	
			(Ω/km)					Cu	Al		Cu	Al	Cu	Al	Cu	Al
			Cu	Al												
3.6/6	1×35	7.0	0.52	0.87	13.2	14.8	18.4	620	380	250	5.0	3.3	187	154	188	133
3.6/6	1×50	8.3	0.39	0.64	14.5	16.1	19.7	750	430	270	7.2	4.7	225	182	222	158
3.6/6	1×70	9.9	0.27	0.44	16.1	17.7	21.3	970	490	290	10.0	6.6	281	228	272	193
3.6/6	1×95	11.5	0.19	0.32	17.7	19.3	22.9	1240	590	320	13.6	8.9	344	279	326	231
3.6/6	1×120	12.9	0.15	0.25	19.1	20.7	24.3	1470	700	340	17.2	11.3	398	319	370	163
3.6/6	1×150	14.4	0.12	0.21	20.6	22.2	25.8	1780	800	360	21.5	14.1	454	365	415	294
3.6/6	1×185	16.2	0.10	0.16	22.4	24.0	27.6	2130	920	380	26.5	17.4	522	416	469	333
3.6/6	1×240	18.3	0.08	0.13	24.7	26.3	30.1	2730	1060	520	34.4	22.6	621	496	542	387
3.6/6	1×300	20.6	0.06	0.10	27.4	29.0	33.0	3390	1290	460	43.0	28.2	717	570	611	437
3.6/6	1×400	23.4	0.05	0.08	30.6	32.2	36.4	4260	1530	500	57.2	37.6	830	670	691	501
3.6/6	1×500	26.6	0.04	0.06	34.5	36.1	40.5	5390	1910	560	71.5	47.2	963	775	780	572
3.6/6	1×630	30.0	0.03	0.05	37.9	39.5	44.1	6880	2330	620	90.1	59.5	1113	812	877	652
6/6, 6/10	1×35	7.0	0.52	0.87	15.0	16.6	20.2	680	470	280	5.0	3.3	190	135	188	135
6/6, 6/10	1×50	8.3	0.39	0.64	16.3	17.9	21.5	810	540	300	7.2	4.7	229	160	222	160
6/6, 6/10	1×70	9.9	0.27	0.44	17.9	19.5	23.1	1040	640	320	10.0	6.6	285	200	272	200
6/6, 6/10	1×95	11.5	0.19	0.32	19.5	21.1	24.7	1320	750	340	13.6	8.9	349	245	326	240
6/6, 6/10	1×120	12.9	0.15	0.25	20.9	22.5	26.1	1570	850	360	17.2	11.3	404	280	370	270
6/6, 6/10	1×150	14.4	0.12	0.21	22.4	24.0	27.8	1850	960	380	21.5	14.1	460	320	416	305
6/6, 6/10	1×185	16.2	0.10	0.16	24.2	25.8	29.6	2230	1150	410	26.5	17.4	526	365	468	345
6/6, 6/10	1×240	18.3	0.08	0.13	26.3	27.9	31.9	2830	1350	450	34.4	22.6	627	435	542	400
6/6, 6/10	1×300	20.6	0.06	0.10	28.6	30.2	34.4	3460	1600	480	43.0	28.2	721	500	611	455
6/6, 6/10	1×400	23.4	0.05	0.08	31.4	33.0	37.4	4310	1950	520	57.2	37.6	833	595	692	525
6/6, 6/10	1×500	26.6	0.04	0.06	34.9	36.5	41.1	5420	2370	560	71.5	47.2	964	697	781	572
6/6, 6/10	1×630	30.0	0.03	0.05	38.3	39.9	44.7	6910	2984	630	90.1	59.5	1114	813	878	652
8.7/10, 8.7/15	1×35	7.0	0.52	0.87	17.2	18.8	22.4	760	560	310	5.0	3.3	194	136	189	134
8.7/10, 8.7/15	1×50	8.3	0.39	0.64	18.5	20.1	23.7	900	630	330	7.2	4.7	233	164	223	159
8.7/10, 8.7/15	1×70	9.9	0.27	0.44	20.1	21.7	25.3	1130	730	350	10.0	6.6	290	204	272	194
8.7/10, 8.7/15	1×95	11.5	0.19	0.32	21.7	23.3	26.9	1410	850	370	13.6	8.9	354	249	326	232
8.7/10, 8.7/15	1×120	12.9	0.15	0.25	23.1	24.7	28.5	1690	970	390	17.2	11.3	408	287	370	263
8.7/10, 8.7/15	1×150	14.4	0.12	0.21	24.6	26.2	30.0	1970	1100	410	21.5	14.1	464	327	415	295
8.7/10, 8.7/15	1×185	16.2	0.10	0.16	26.4	28.0	32.0	2360	1250	440	26.5	17.4	532	376	468	334
8.7/10, 8.7/15	1×240	18.3	0.08	0.13	28.5	30.1	34.3	2950	1500	470	34.4	22.6	632	445	543	388
8.7/10, 8.7/15	1×300	20.6	0.06	0.10	30.8	32.4	36.6	3610	1750	510	43.0	28.2	727	512	612	438
8.7/10, 8.7/15	1×400	23.4	0.05	0.08	33.6	35.2	39.6	4470	2100	550	57.2	37.6	839	600	693	502



**YJV/YJLV 1 CORE**

电压等级 voltage  (kV)	芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大直流电阻		绝缘外径 diameter over insulation approx  (mm)	金属屏蔽外径 diameter over metallic screen approx  (mm)	电缆外径 outer diameter approx  (mm)	电缆重量		最小弯曲半径 min bending radius  (mm)	导体短路电流		载流量 (空气中)		载流量 (土壤中)	
			maximum DC resistance at 20°C					weight of cable approx			conductor short circuit current		max current carrying capacity in air 30°C (A)		max current carring capacity in ground (A)	
			Cu	Al				Cu	Al		Cu	Al	Cu	Al	Cu	Al
8.7/10, 8.7/15	1×500	26.6	0.04	0.06	37.1	38.7	43.3	5590	2834	600	71.5	47.2	971	701	783	574
8.7/10, 8.7/15	1×630	30.0	0.03	0.05	40.5	41.7	46.9	7100	3340	660	90.1	59.5	1121	817	882	654
12/20	1×35	7.0	0.52	0.87	19.2	20.8	24.4	840	660	340	5.0	3.3	197	138	189	134
12/20	1×50	8.3	0.39	0.64	20.5	22.1	25.7	980	740	350	7.2	4.7	236	166	223	159
12/20	1×70	9.9	0.27	0.44	22.1	23.7	27.3	1130	860	370	10.0	6.6	293	207	272	194
12/20	1×95	11.5	0.19	0.32	23.7	25.3	29.1	1520	990	400	13.6	8.9	357	251	326	232
12/20	1×120	12.9	0.15	0.25	25.1	26.7	30.7	1790	1110	420	17.2	11.3	412	289	370	264
12/20	1×150	14.4	0.12	0.21	26.6	28.2	32.2	2090	1250	440	21.5	14.1	468	329	415	296
12/20	1×185	16.2	0.10	0.16	28.4	30.0	34.2	2460	1410	470	26.5	17.4	536	379	468	335
12/20	1×240	18.3	0.08	0.13	30.5	32.1	36.3	3080	1650	500	34.4	22.6	637	448	543	388
12/20	1×300	20.6	0.06	0.10	32.8	34.4	38.8	3750	1890	540	43.0	28.2	731	514	612	438
12/20	1×400	23.4	0.05	0.08	35.6	37.2	41.8	4620	2270	580	57.2	37.6	844	603	693	503
12/20	1×500	26.6	0.04	0.06	39.1	40.7	45.5	5760	2700	630	71.5	47.2	976	704	785	574
12/20	1×630	30.0	0.03	0.05	42.5	44.1	49.1	7280	3863	690	90.1	59.5	1127	820	885	655
26/35	1×50	8.3	0.39	0.64	30.9	32.9	37.1	1718	1435	742	7.2	4.7	223	173	201	156
26/35	1×70	9.9	0.27	0.44	32.5	34.5	38.9	1982	1572	799	10.0	6.6	276	214	245	190
26/35	1×95	11.5	0.20	0.32	34.1	36.1	40.7	2316	1747	835	13.6	8.9	335	259	293	227
26/35	1×120	12.9	0.15	0.25	35.5	37.5	42.1	2604	1885	863	17.2	11.3	384	298	332	257
26/35	1×150	14.4	0.13	0.21	37.0	39.0	43.8	2945	2057	897	21.4	14.1	436	338	372	288
26/35	1×185	16.2	0.10	0.16	38.4	40.8	45.6	3351	2244	929	26.5	17.4	498	387	419	326
26/35	1×240	18.3	0.08	0.13	40.9	42.9	47.9	3998	2541	979	34.3	22.6	587	456	485	377
26/35	1×300	20.6	0.06	0.10	43.2	45.2	50.4	4670	2843	1026	42.9	28.2	671	522	547	425
26/35	1×400	23.4	0.05	0.08	46.0	48.0	53.4	5602	3250	1090	57.2	37.6	778	610	623	487
26/35	1×500	26.6	0.04	0.06	49.5	51.5	57.1	6762	3746	1161	71.5	47.2	897	710	707	556
26/35	1×630	30.0	0.03	0.05	52.9	54.9	60.7	8250	4344	1235	90.1	59.5	1033	826	801	635
26/35	1×800	34.3	0.02	0.04	57.2	59.2	65.2	10081	5071	1322	114.5	75.6	1175	953	921	737

# 中压电力电缆 Medium Voltage Power Cable



## Cable designation

YJV72 3.6/6kV to 26/35kV 1 CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Semicond. Layer**  
extruded compound
- > **Insulation**  
XLPE compound
- > **Semicond. Layer**  
extruded compound
- > **Metallic screen**  
copper tapes
- > **Separation sheath**  
PVC compound
- > **Armour**  
aluminum wires
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJVT2 N×Size 3.6/6kV Year"

## Standards applicable

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 铝丝铠装聚乙烯护套电力电缆 3.6/6kV - 26/35kV 1 芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **导体屏蔽**  
挤出半导体复合料
- > **绝缘**  
交联聚乙烯
- > **导体屏蔽**  
挤出半导体复合料
- > **金属屏蔽**  
铜带屏蔽
- > **隔离护套**  
聚氯乙烯
- > **铠装**  
铝丝铠
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 72 N × Size 3.6/6kV Year"

## 应用标准

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents



IEC 60332-1



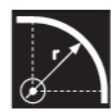
EXCELLENT



STANDARD



0 °C



20 D



PB



90 °C

NORMAL OPERATION TEMPERATURE



250 °C

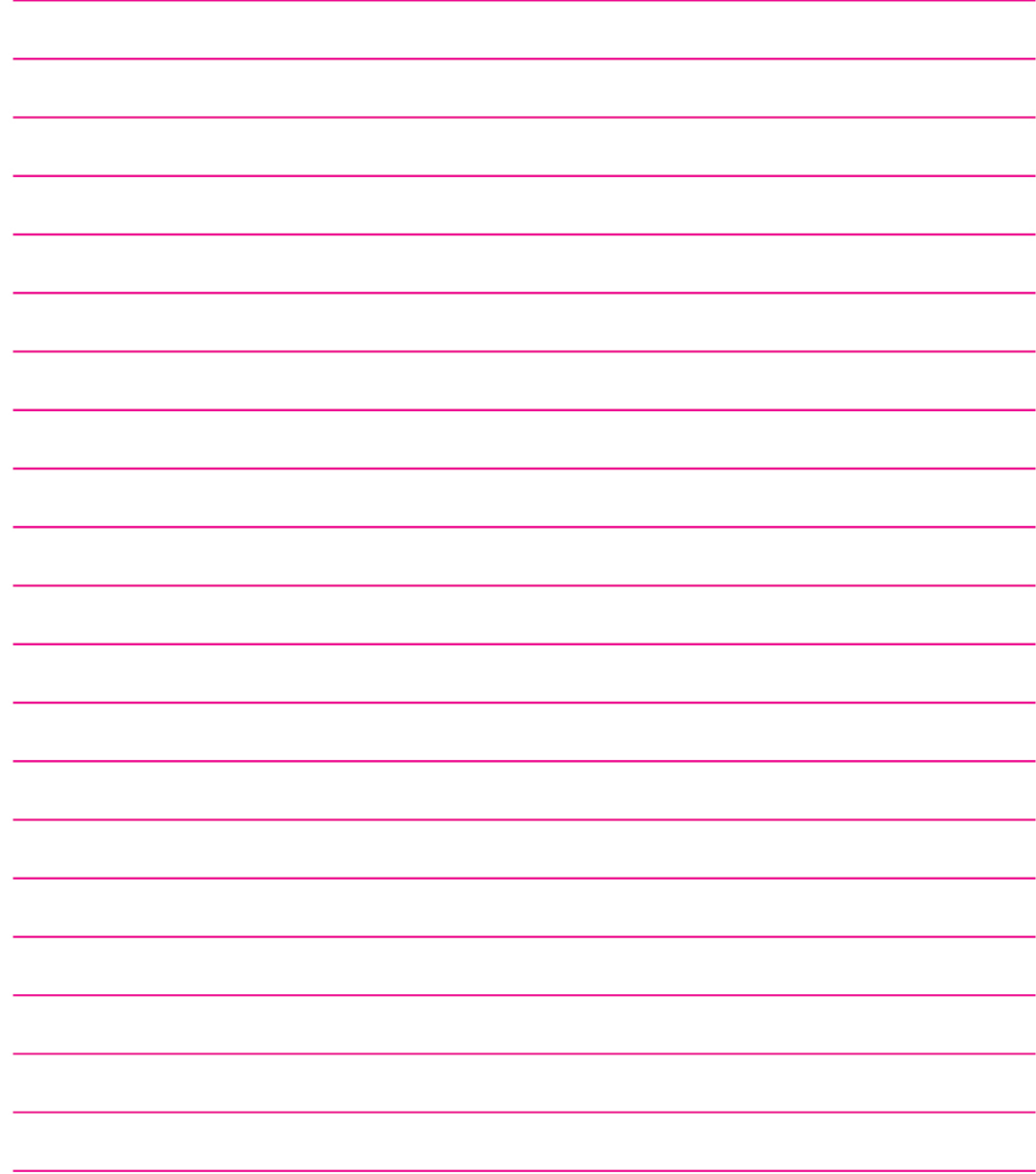
SHORT CIRCUIT TEMPERATURE

## YJV 72/YJLV 72 1 CORE

电压等级 voltage  (kV)	芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C  (Ω/km)		绝缘外径 diameter over insulation approx  (mm)	金属屏蔽外径 diameter over metallic screen approx  (mm)	隔离套外径 diameter over separation sheath  (mm)	铠装铝丝直径 diameter of armour wires  (mm)	铠装外径 diameter over armour  (mm)	电缆外径 outer diameter approx  (mm)	电缆重量 weight of cable approx  (kg/km)		最小弯曲半径 min bending radius  (mm)	导体短路电流 conductor short circuit current  (kA/sec)		载流量 (空气中) max current carrying capacity in air 30°C  (A)		载流量 (土壤中) max current carrying capacity in ground  (A)	
			Cu	Al							Cu	Al		Cu	Al	Cu	Al	Cu	Al
3.6/6	1×50	8.3	0.39	0.64	14.5	16.1	18.5	1.6	21.7	25.9	1144	861	360	7.2	4.7	239	167	223	159
3.6/6	1×70	9.9	0.27	0.44	16.1	17.7	20.1	1.6	23.3	27.5	1389	979	390	10.0	6.6	295	208	271	194
3.6/6	1×95	11.5	0.19	0.32	17.7	19.3	21.7	1.6	24.9	29.3	1693	1124	400	13.6	9.0	358	251	322	231
3.6/6	1×120	12.9	0.15	0.25	19.1	20.7	23.1	1.6	26.3	30.7	1968	1249	430	17.2	11.3	410	289	363	261
3.6/6	1×150	14.4	0.12	0.21	20.6	22.2	24.6	1.6	27.8	32.4	2286	1398	450	21.5	14.1	461	327	403	291
3.6/6	1×185	16.2	0.10	0.16	22.4	24.0	26.4	2.0	30.4	35.2	2975	1868	470	26.5	17.4	523	375	450	326
3.6/6	1×240	18.3	0.08	0.13	24.7	26.3	28.7	2.0	32.7	37.5	3616	2159	520	34.4	22.6	610	439	511	374
3.6/6	1×300	20.6	0.06	0.10	27.4	29.0	31.4	2.0	35.4	40.4	4303	2476	270	43.0	28.2	688	498	565	418
3.6/6	1×400	23.4	0.05	0.08	30.6	32.2	34.6	2.0	38.6	43.8	5283	2931	610	57.2	37.6	777	574	625	470
3.6/6	1×500	26.6	0.04	0.06	34.5	36.1	38.7	2.5	43.7	49.3	6364	3348	680	71.5	47.2	854	647	666	514
3.6/6	1×630	30.0	0.03	0.05	37.9	39.5	42.3	2.5	47.3	53.1	7859	3953	740	90.1	59.5	948	729	720	567
6/6, 6/10	1×50	8.3	0.39	0.64	16.3	17.9	20.3	1.6	23.5	27.7	1230	971	380	7.2	4.7	241	168	223	159
6/6, 6/10	1×70	9.9	0.27	0.44	17.9	19.5	21.9	1.6	25.1	29.5	1500	1110	410	10.0	6.6	298	209	271	194
6/6, 6/10	1×95	11.5	0.19	0.32	19.5	21.1	23.5	1.6	26.7	31.3	1820	1252	430	13.6	9.0	360	253	321	231
6/6, 6/10	1×120	12.9	0.15	0.25	20.9	22.5	24.9	2.0	28.9	33.5	2100	1667	460	17.2	11.3	412	292	362	261
6/6, 6/10	1×150	14.4	0.12	0.21	22.4	24.0	26.4	2.0	30.4	35.2	2490	1834	490	21.5	14.1	464	330	402	290
6/6, 6/10	1×185	16.2	0.10	0.16	24.2	25.8	28.2	2.0	32.2	37.0	2880	2033	510	26.5	17.4	525	376	449	326
6/6, 6/10	1×240	18.3	0.08	0.13	26.3	27.9	30.3	2.0	34.3	39.3	3540	2325	550	34.4	22.6	612	440	511	374
6/6, 6/10	1×300	20.6	0.06	0.10	28.6	30.2	32.6	2.0	36.6	41.8	4230	2626	580	43.0	28.2	690	499	565	417
6/6, 6/10	1×400	23.4	0.05	0.08	31.4	33.0	35.6	2.5	40.6	46.0	5150	2924	620	57.2	37.6	777	570	624	463
6/6, 6/10	1×500	26.6	0.04	0.06	34.9	36.5	39.1	2.5	44.1	49.7	6510	3412	690	71.5	47.2	856	647	667	515
6/6, 6/10	1×630	30.0	0.03	0.05	38.3	39.9	42.7	2.5	47.7	53.5	7950	4024	740	90.1	59.5	950	730	721	568
8.7/10, 8.7/15	1×50	8.3	0.39	0.64	18.5	20.1	22.5	1.6	25.7	30.1	1380	1142	420	7.2	4.7	243	170	223	159
8.7/10, 8.7/15	1×70	9.9	0.27	0.44	20.1	21.7	24.1	1.6	27.3	31.9	1650	1288	440	10.0	6.6	300	211	270	194
8.7/10, 8.7/15	1×95	11.5	0.19	0.32	21.7	23.3	25.7	2.0	29.7	34.5	2020	1741	470	13.6	9.0	362	256	321	230
8.7/10, 8.7/15	1×120	12.9	0.15	0.25	23.1	24.7	27.1	2.0	31.1	35.9	2320	1887	500	17.2	11.3	414	294	361	261
8.7/10, 8.7/15	1×150	14.4	0.12	0.21	24.6	26.2	28.6	2.0	32.6	37.6	2640	2044	520	21.5	14.1	466	332	402	291
8.7/10, 8.7/15	1×185	16.2	0.10	0.16	26.4	28.0	30.4	2.0	34.4	39.4	3070	2269	540	26.5	17.4	527	378	447	326
8.7/10, 8.7/15	1×240	18.3	0.08	0.13	28.5	30.1	32.5	2.0	36.5	41.7	3730	2573	580	34.4	22.6	614	442	510	374
8.7/10, 8.7/15	1×300	20.6	0.06	0.10	30.8	32.4	34.8	2.0	38.8	44.2	4420	2862	620	43.0	28.2	692	501	564	417
8.7/10, 8.7/15	1×400	23.4	0.05	0.08	33.6	35.2	37.8	2.5	42.8	48.4	5530	3785	670	57.2	37.6	767	571	609	462
8.7/10, 8.7/15	1×500	26.6	0.04	0.06	37.1	38.7	41.5	2.5	46.5	52.3	6750	3727	720	71.5	47.2	858	647	665	513
8.7/10, 8.7/15	1×630	30.0	0.03	0.05	40.5	42.1	44.9	2.5	49.9	55.9	8180	4334	780	90.1	59.5	952	731	720	567

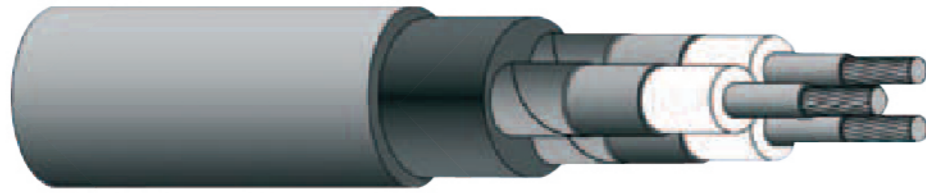
**YJV 72/YJLV 72 1 CORE**

电压等级 voltage  (kV)	芯数 × 截面 cross section  (mm <sup>2</sup> )	导体直径 diameter of conductor  (mm)	20°C时导体最大 直流电阻		绝缘外径 diameter over insulation approx  (mm)	金属屏蔽外径 diameter over metallic screen approx  (mm)	隔离带 外径 diameter over seperation sheath  (mm)	铠装铝丝 直径 diameter of armour wires  (mm)	铠装外径 diameter over armour  (mm)	电缆外径 outer diameter approx  (mm)	电缆重量		最小弯曲 半径 min bending radius  (mm)	导体短路 电流		载流量 (空气中)		载流量 (土壤中)	
			maximum DC resistance at 20°C								weight of cable approx	conductor short circuit current		max current carrying capacity in air 30°C (A)		max current carrying capacity in ground (A)			
			Cu	Al										Cu	Al	Cu	Al	Cu	Al
12/20	1×50	8.3	0.39	0.64	20.5	22.1	24.5	2.0	28.5	33.1	1510	1280	450	7.2	4.7	244	171	222	159
12/20	1×70	9.9	0.27	0.44	22.1	23.7	26.1	2.0	30.1	34.9	1770	1733	470	10.0	6.6	301	213	270	194
12/20	1×95	11.5	0.19	0.32	23.7	25.3	27.7	2.0	31.7	36.5	2170	1899	500	13.6	9.0	364	257	320	230
12/20	1×120	12.9	0.15	0.25	25.1	26.7	29.1	2.0	33.1	38.1	2470	2069	520	17.2	11.3	416	295	361	260
12/20	1×150	14.4	0.12	0.21	26.6	28.2	30.6	2.0	34.6	39.6	2800	2231	550	21.5	14.1	468	333	401	290
12/20	1×185	16.2	0.10	0.16	28.4	30.0	32.4	2.0	36.4	41.6	3210	2449	570	26.5	17.4	529	379	447	326
12/20	1×240	18.3	0.08	0.13	30.5	32.1	34.5	2.0	38.5	43.9	3890	2753	610	34.4	22.6	616	443	509	374
12/20	1×300	20.6	0.06	0.10	32.8	34.4	37.0	2.5	42.0	47.6	4770	2978	660	43.0	28.2	686	499	553	411
12/20	1×400	23.4	0.05	0.08	35.6	37.2	39.8	2.5	44.8	50.6	5710	3410	700	57.2	37.6	770	585	609	520
12/20	1×500	26.6	0.04	0.06	39.1	40.7	43.5	2.5	48.5	58.3	6960	3951	750	71.5	47.2	860	680	665	595
26/35	1×50	8.3	0.39	0.64	30.9	32.9	35.5	2.5	40.5	45.9	2720	2438	936	7.2	4.7	226	176	192	152
26/35	1×70	9.9	0.27	0.44	32.5	34.5	37.1	2.5	42.1	47.7	3048	2639	972	10.0	6.6	278	217	230	183
26/35	1×95	11.5	0.19	0.32	34.1	36.1	38.7	2.5	43.7	49.3	3428	2860	977	13.6	9.0	333	261	267	214
26/35	1×120	12.9	0.15	0.25	35.5	37.5	40.1	2.5	45.1	50.9	3779	3060	1041	17.2	11.3	379	298	296	240
26/35	1×150	14.4	0.12	0.21	37.0	39.0	41.8	2.5	46.8	52.6	4152	3264	1075	21.4	14.1	426	336	325	264
26/35	1×185	16.2	0.10	0.16	38.8	40.8	43.6	2.5	48.6	54.6	4599	3493	1107	26.5	17.4	480	381	356	293
26/35	1×240	18.3	0.08	0.13	40.9	42.9	45.7	2.5	50.7	56.9	5338	3882	1161	34.3	22.6	553	443	396	330
26/35	1×300	20.6	0.06	0.10	43.2	45.2	48.2	2.5	53.2	59.4	6063	4236	1208	42.9	28.2	620	500	430	363
26/35	1×400	23.4	0.05	0.08	46.0	48.0	51.0	2.5	56.0	62.4	7112	4761	1264	57.2	37.6	698	572	468	401
26/35	1×500	26.6	0.04	0.06	49.5	51.5	54.7	2.5	59.7	66.3	8365	5350	1347	71.5	47.2	780	649	500	438
26/35	1×630	30.0	0.03	0.05	52.9	54.9	58.3	2.5	63.3	70.1	9981	6075	1426	90.1	59.5	864	733	535	478
26/35	1×800	34.3	0.02	0.04	57.2	59.2	62.6	3.2	68.9	76.1	12311	7300	1547	114.5	75.6	927	807	572	519





# 中压电力电缆 Medium Voltage Power Cable



## Cable designation

YJV 3.6/6kV to 26/35kV 3 CORES

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Semicond. Layer**  
extruded compound
- > **Insulation**  
XLPE compound
- > **Semicond. Layer**  
extruded compound
- > **Metallic screen**  
copper tapes
- > **Fillers**  
PP fillers
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV N×Size 3.6/6kV Year"

## Standards applicable

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalent

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 3.6/6kV - 26/35kV 3 芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **导体屏蔽**  
挤出半导电复合料
- > **绝缘**  
交联聚乙烯
- > **导体屏蔽**  
挤出半导电复合料
- > **金属屏蔽**  
铜带屏蔽
- > **填充物**  
PP 填充绳
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV N × Size 3.6/6kV Year"

## 应用标准

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalent



IEC 60332-1



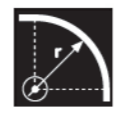
EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C  
NORMAL OPERATION TEMPERATURE

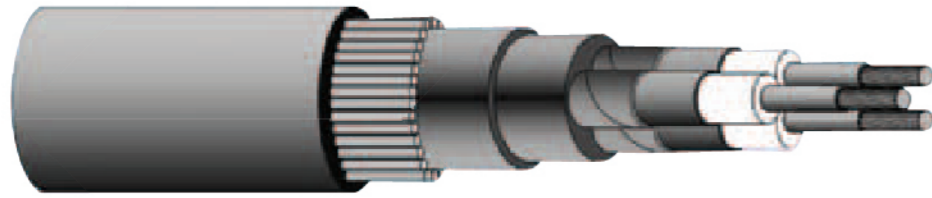


250 °C  
SHORT CIRCUIT TEMPERATURE

## YJV/YJLV 3 CORES

电压等级 voltage (kV)	芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	金属屏蔽外径 diameter over metallic screen approx (mm)	电缆外径 outer diameter approx (mm)	电缆重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	导体短路电流 conductor short circuit current (kA/sec)		载流量 (空气中) max current carrying capacity in air 30°C (A)		载流量 (土壤中) max current carrying capacity in ground (A)	
			Cu	Al				Cu	Al		Cu	Al	Cu	Al	Cu	Al
3.6/6	3×35	7.0	0.52	0.87	13.2	14.7	36.8	2430	1410	520	5.0	3.3	180	110	183	120
3.6/6	3×50	8.3	0.39	0.64	14.5	16.0	39.8	2950	1660	560	7.2	4.7	216	130	216	140
3.6/6	3×70	9.9	0.27	0.44	15.7	17.6	43.4	3750	2030	610	10.0	6.6	268	165	263	170
3.6/6	3×95	11.5	0.19	0.32	17.3	19.2	47.1	4790	2480	660	13.6	8.9	327	200	314	210
3.6/6	3×120	12.9	0.15	0.25	18.9	20.6	50.3	5750	2880	710	17.2	11.3	376	225	356	235
3.6/6	3×150	14.4	0.12	0.21	20.3	22.1	53.9	6760	3350	760	21.5	14.1	427	255	399	260
3.6/6	3×185	16.2	0.10	0.16	21.8	23.9	58.6	8060	3870	810	26.5	17.4	488	295	450	300
3.6/6	3×240	18.3	0.08	0.13	23.6	26.2	63.2	10320	4670	900	34.4	22.6	571	345	517	345
3.6/6	3×300	20.6	0.06	0.10	25.9	28.9	69.4	12780	5590	1000	43.0	28.2	654	390	581	390
3.6/6	3×400	23.4	0.05	0.08	31.8	32.1	76.9	15880	6870	1090	57.2	37.6	751	455	657	445
6/6, 6/10	3×35	7.0	0.52	0.87	15.0	16.5	40.8	2790	1500	580	5.0	3.3	183	115	183	130
6/6, 6/10	3×50	8.3	0.39	0.64	17.5	17.8	43.8	3330	1750	620	7.2	4.7	219	145	216	155
6/6, 6/10	3×70	9.9	0.27	0.44	19.1	19.4	47.7	4180	2150	670	10.0	6.6	272	175	263	190
6/6, 6/10	3×95	11.5	0.19	0.32	20.7	21.0	51.4	5250	2500	720	13.6	8.9	330	210	314	225
6/6, 6/10	3×120	12.9	0.15	0.25	22.1	22.4	54.6	6220	2850	770	17.2	11.3	380	245	357	255
6/6, 6/10	3×150	14.4	0.12	0.21	23.6	23.9	58.0	7320	3250	820	21.5	14.1	430	280	398	285
6/6, 6/10	3×185	16.2	0.10	0.16	25.4	25.7	62.1	8630	3800	870	26.5	17.4	487	320	447	325
6/6, 6/10	3×240	18.3	0.08	0.13	27.5	27.8	67.0	10840	4500	950	34.4	22.6	575	375	517	380
6/6, 6/10	3×300	20.6	0.06	0.10	29.8	30.1	72.2	13210	5300	1030	43.0	28.2	656	430	581	430
6/6, 6/10	3×400	23.4	0.05	0.08	32.6	32.9	78.9	16290	6450	1120	57.2	37.6	749	510	655	505
8.7/10, 8.7/15	3×35	7.0	0.52	0.87	17.2	18.7	46.0	3290	1850	650	5.0	3.3	186	115	189	130
8.7/10, 8.7/15	3×50	8.3	0.39	0.64	18.5	20.0	49.0	3880	2100	690	7.2	4.7	222	145	215	150
8.7/10, 8.7/15	3×70	9.9	0.27	0.44	20.1	21.6	52.7	4760	2450	740	10.0	6.6	275	175	263	190
8.7/10, 8.7/15	3×95	11.5	0.19	0.32	21.7	23.2	56.3	5850	2850	790	13.6	8.9	334	210	314	225
8.7/10, 8.7/15	3×120	12.9	0.15	0.25	23.1	24.6	59.5	6900	3250	850	17.2	11.3	380	245	354	255
8.7/10, 8.7/15	3×150	14.4	0.12	0.21	24.6	26.1	63.2	7970	3700	890	21.5	14.1	430	280	396	285
8.7/10, 8.7/15	3×185	16.2	0.10	0.16	26.4	27.9	67.3	9350	4250	940	26.5	17.4	491	320	447	325
8.7/10, 8.7/15	3×240	18.3	0.08	0.13	28.5	30.0	72.0	11610	5000	1020	34.4	22.6	578	375	517	380
8.7/10, 8.7/15	3×300	20.6	0.06	0.10	30.8	32.3	77.4	14010	5950	1100	43.0	28.2	660	430	582	430
8.7/10, 8.7/15	3×400	23.4	0.05	0.08	33.6	35.1	83.8	17200	7050	1190	57.2	37.6	753	560	656	505
12/20	3×35	7.0	0.52	0.87	19.2	20.7	50.7	3790	2227	720	5.0	3.3	188	125	183	132
12/20	3×50	8.3	0.39	0.64	20.5	22.0	53.7	4380	2542	750	7.2	4.7	224	149	215	155
12/20	3×70	9.9	0.27	0.44	22.1	23.6	57.4	5300	2921	800	10.0	6.6	277	185	263	189
12/20	3×95	11.5	0.19	0.32	23.7	25.2	61.0	6470	3404	860	13.6	9.0	333	223	312	226
12/20	3×120	12.9	0.15	0.25	25.1	26.6	64.3	7510	3814	910	17.2	11.3	383	256	354	257
12/20	3×150	14.4	0.12	0.21	26.6	28.1	67.7	8610	4219	950	21.5	14.1	433	290	396	287
12/20	3×185	16.2	0.10	0.16	28.4	29.9	71.8	10050	4862	1000	26.5	17.4	493	331	447	325
12/20	3×240	18.3	0.08	0.13	30.5	32.0	76.7	12330	5716	1090	34.4	22.6	581	388	517	376
12/20	3×300	20.6	0.06	0.10	32.8	34.3	81.9	14920	6533	1170	42.9	28.2	660	443	581	425
12/20	3×400	23.4	0.05	0.08	35.6	37.1	88.5	18030	7782	1250	57.2	37.6	756	514	657	486
26/35	3×50	8.3	0.39	0.64	30.9	32.8	78.4	5968	5116	1176	7.2	4.7	202	157	175	135
26/35	3×70	9.9	0.27	0.44	32.5	34.4	82.1	6783	5550	1232	10.0	6.6	246	191	211	164
26/35	3×95	11.5	0.19	0.32	34.1	36.0	85.8	7860	6148	1287	13.6	8.9	296	229	251	195
26/35	3×120	12.9	0.15	0.25	35.5	37.4	89.2	8858	6695	1338	17.2	11.3	338	262	287	223
26/35	3×150	14.4	0.12	0.21	37.0	38.9	92.6	9942	7270	1389	21.5	14.1	381	296	322	249
26/35	3×185	16.2	0.10	0.16	38.8	40.7	96.7	11273	7942	1445	26.5	17.4	434	337	363	282
26/35	3×240	18.3	0.08	0.13	40.9	42.8	101.4	13370	8987	1521	34.4	22.6	507	395	419	326
26/35	3×300	20.6	0.06	0.10	43.2	45.1	106.8	15566	10069	1596	43.0	28.2	576	449	471	367
26/35	3×400	23.4	0.05	0.08	46.0	47.9	113.3	17295	10218	1700	57.2	37.6	662	520	547	430

# 中压电力电缆 Medium Voltage Power Cable



## Cable designation

YJV32 3.6/6kV to 26/35kV 3 CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Semicond. Layer**  
extruded compound
- > **Insulation**  
XLPE compound
- > **Semicond. Layer**  
extruded compound
- > **Metallic screen**  
copper tapes
- > **Fillers**  
PP fillers
- > **Separation sheath**  
PVC compound
- > **Armour**  
galvanized steel wires
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV32 N x Size 3.6/6kV Year"

## Standards applicable

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 钢丝铠装聚乙烯护套电力电缆 3.6/6kV - 26/35kV 3 芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **导体屏蔽**  
挤出半导体复合料
- > **绝缘**  
交联聚乙烯
- > **导体屏蔽**  
挤出半导体复合料
- > **金属屏蔽**  
铜带屏蔽
- > **填充物**  
PP 填充绳
- > **隔离护套**  
聚氯乙烯
- > **铠装**  
镀锌钢丝铠
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 32 N x Size 3.6/6kV Year"

## 应用标准

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents



IEC 60332-1



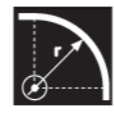
EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C  
NORMAL OPERATION TEMPERATURE



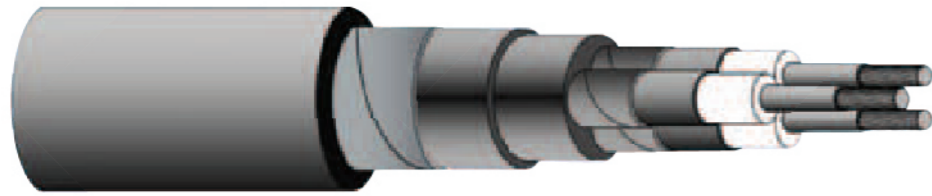
250 °C  
SHORT CIRCUIT TEMPERATURE

## YJV 32/YJLV 32 3 CORES

电压等级 voltage (kV)	芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大 直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	金属屏蔽外径 diameter over metallic screen approx (mm)	隔离套 外径 diameter over seperation sheath (mm)	铠装钢丝 直径 diameter of armour wires (mm)	铠装外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	电缆重量 weight of cable approx (kg/km)		最小弯曲 半径 min bending radius (mm)	导体短路 电流 short circuit current (kA/sec)		载流量 (空气中) max current carrying capacity in air 30°C (A)		载流量 (土壤中) max current carrying capacity in ground (A)	
			Cu	Al							Cu	Al		Cu	Al	Cu	Al	Cu	Al
3.6/6	3x35	7.0	0.52	0.87	13.2	14.7	35.0	2.5	40.0	45.4	4210	3492	620	5.0	3.3	182	121	180	129
3.6/6	3x50	8.3	0.39	0.64	14.5	16.0	37.8	2.5	42.8	48.4	5300	3891	670	7.2	4.7	218	144	213	153
3.6/6	3x70	9.9	0.27	0.44	16.1	17.6	41.4	2.5	46.3	52.2	6330	4423	730	10.0	6.6	269	179	259	186
3.6/6	3x95	11.5	0.19	0.32	17.7	19.2	45.1	2.5	50.1	56.3	7590	4966	780	13.6	8.9	326	215	308	222
3.6/6	3x120	12.9	0.15	0.25	19.1	20.6	48.1	2.5	53.1	59.5	8710	5516	830	17.2	11.3	374	247	349	251
3.6/6	3x150	14.4	0.12	0.21	20.6	22.1	51.5	2.5	56.5	63.1	9920	6086	880	21.5	14.1	423	279	390	280
3.6/6	3x185	16.2	0.10	0.16	22.4	23.9	55.4	2.5	60.4	67.2	11450	6800	930	26.5	17.4	479	318	437	316
3.6/6	3x240	18.3	0.08	0.13	24.7	26.2	60.6	3.2	66.9	74.1	13620	8715	1020	34.4	22.6	557	345	499	345
3.6/6	3x300	20.6	0.06	0.10	27.4	28.9	66.6	3.2	72.9	80.5	17400	10118	1130	43.0	28.2	629	390	552	390
6/6, 6/10	3x35	8.3	0.52	0.87	16.2	16.5	38.8	2.5	43.8	49.6	1230	3982	380	5.0	3.3	185	122	181	130
6/6, 6/10	3x50	9.9	0.39	0.64	17.5	17.8	41.8	2.5	46.8	52.8	1500	4380	410	7.2	4.7	220	146	213	153
6/6, 6/10	3x70	11.5	0.27	0.44	19.1	19.4	45.5	2.5	50.5	56.7	1820	4973	430	10.0	6.6	272	180	259	186
6/6, 6/10	3x95	12.9	0.19	0.32	20.7	21.0	49.0	2.5	54.0	60.4	2100	5538	460	13.6	8.9	329	218	308	222
6/6, 6/10	3x120	14.4	0.15	0.25	22.1	22.4	52.2	2.5	57.2	63.8	2490	6117	490	17.2	11.3	376	249	348	251
6/6, 6/10	3x150	16.2	0.12	0.21	23.6	23.9	55.6	2.5	60.6	67.4	2880	6675	510	21.5	14.1	423	281	388	281
6/6, 6/10	3x185	18.3	0.10	0.16	25.4	25.7	59.5	2.5	64.5	71.7	3540	7418	550	26.5	17.4	476	320	433	316
6/6, 6/10	3x240	20.6	0.08	0.13	27.5	27.8	64.2	3.2	70.5	78.1	4230	9451	580	34.4	22.6	556	374	495	364
8.7/10, 8.7/15	3x35	7.0	0.52	0.87	17.2	18.7	43.8	2.5	48.8	54.8	6040	4660	822	5.0	3.3	187	124	180	128
8.7/10, 8.7/15	3x50	8.3	0.39	0.64	18.5	20.0	46.8	2.5	51.8	58.2	6780	5111	866	7.2	4.7	222	148	212	153
8.7/10, 8.7/15	3x70	9.9	0.27	0.44	20.1	21.6	50.5	2.5	55.5	62.1	7870	5638	918	10.0	6.6	274	183	259	187
8.7/10, 8.7/15	3x95	11.5	0.19	0.32	21.7	23.2	53.9	2.5	58.9	65.7	9190	6352	980	13.6	8.9	331	220	308	222
8.7/10, 8.7/15	3x120	12.9	0.15	0.25	23.1	24.6	57.1	2.5	62.1	69.1	10100	6977	1032	17.2	11.3	375	251	346	251
8.7/10, 8.7/15	3x150	14.4	0.12	0.21	24.6	26.1	60.6	3.2	66.9	74.3	11340	8444	1080	21.5	14.1	424	284	387	281
8.7/10, 8.7/15	3x185	16.2	0.10	0.16	26.4	27.9	64.5	3.2	70.8	78.4	13790	9239	1155	26.5	17.4	480	323	432	316
12/20	3x35	7.0	0.52	0.87	19.2	20.7	48.3	2.5	53.3	59.7	6790	5321	830	5.0	3.3	188	125	180	132
12/20	3x50	8.3	0.39	0.64	20.5	22.0	51.3	2.5	56.3	62.9	7570	5874	870	7.2	4.7	224	149	212	155
12/20	3x70	9.9	0.27	0.44	22.1	23.6	54.8	2.5	59.8	66.6	8720	6428	930	10.0	6.6	276	185	258	189
12/20	3x95	11.5	0.19	0.32	23.7	25.2	58.7	2.5	63.4	70.4	9790	7119	980	13.6	8.9	330	223	306	226
12/20	3x120	12.9	0.15	0.25	25.1	26.6	61.7	3.2	68.0	75.4	11830	8692	1050	17.2	11.3	378	256	346	257
12/20	3x150	14.4	0.12	0.21	26.6	28.1	64.9	3.2	71.2	78.8	13170	9333	1100	21.5	14.1	426	290	385	287
12/20	3x185	16.2	0.10	0.16	28.4	29.9	69.6	3.2	75.3	83.1	14900	10253	1150	26.5	17.4	481	331	431	325
26/35	3x50	8.3	0.39	0.10	30.9	32.8	75.4	3.2	81.7	89.9	11848	10800	1348.5	7.2	3.3	200	155	174	135
26/35	3x70	9.9	0.27	0.44	32.5	34.4	79.1	3.2	85.4	94.0	12903	11493	1410	10.0	4.7	242	189	210	163
26/35	3x95	11.5	0.19	0.32	34.1	36.0	82.6	3.2	88.9	97.7	14315	12452	1466	13.6	6.6	289	225	248	193
26/35	3x120	12.9	0.15	0.25	35.5	37.4	85.8	3.2	92.1	101.1	15551	13230	1517	17.2	8.9	328	257	279	219
26/35	3x150	14.4	0.12	0.21	37.0	39.9	89.2	3.2	95.5	104.7	16926	14084	1571	21.5	11.3	370	327	311	274
26/35	3x185	16.2	0.10	0.16	38.8	42.7	93.1	3.2	99.4	108.8	18660	15149	1626	26.5	14.1	416	288	347	243
26/35	3x240	18.3	0.08	0.13	40.9	42.8	97.8	3.2	104.1	113.9	22853	18469	1709	34.4	17.4	480	380	403	320
26/35	3x300	20.6	0.06	0.1	43.2	45.1	103.0	3.2	109.3	119.3	25434	19936	1784	43.0	22.6	540	429	447	358



# 中压电力电缆 Medium Voltage Power Cable



## Cable designation

YJV22 3.6/6kV to 26/35kV 3 CORE

## Construction

- > **Conductor**  
bare copper/aluminum circular stranded, according to IEC 60228
- > **Semicond. Layer**  
extruded compound
- > **Insulation**  
XLPE compound
- > **Semicond. Layer**  
extruded compound
- > **Metallic screen**  
copper tapes
- > **Fillers**  
PP fillers
- > **Separation sheath**  
PVC compound
- > **Armour**  
galvanized steel tape
- > **Sheath**  
PVC compound
- > **Marking**  
e.g.: "Prysmian Tianjin YJV22 N×Size 3.6/6kV Year"

## Standards applicable

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents



IEC 60332-1



EXCELLENT



STANDARD



0 °C



15 D



PB



90 °C  
NORMAL OPERATION TEMPERATURE



250 °C  
SHORT CIRCUIT TEMPERATURE

## 电缆名称

铜 / 铝芯交联聚乙烯绝缘, 钢带铠装聚乙烯护套电力电缆 3.6/6kV - 26/35kV 3 芯

## 结构

- > **导体**  
绞合圆形铜 / 铝导体, 依照 IEC 60228
- > **导体屏蔽**  
挤出半导体复合料
- > **绝缘**  
交联聚乙烯
- > **导体屏蔽**  
挤出半导体复合料
- > **金属屏蔽**  
铜带屏蔽
- > **填充物**  
PP 填充绳
- > **隔离护套**  
聚氯乙烯
- > **铠装**  
镀锌钢带铠
- > **护套**  
聚氯乙烯
- > **印字**  
e.g.: "PRYSMIAN TIANJIN CABLES CO., LTD. YJV 22 N x Size 3.6/6kV Year"

## 应用标准

IEC 60502.2 IEC 60332.2  
GB 12706 IEC 60332.3  
IEC 60332.1 GB Equivalents

## YJV 22/YJLV 22 3 CORES

电压等级 voltage (kV)	芯数 × 截面 cross section (mm <sup>2</sup> )	导体直径 diameter of conductor (mm)	20°C时导体最大直流电阻 maximum DC resistance at 20°C (Ω/km)		绝缘外径 diameter over insulation approx (mm)	金属屏蔽外径 diameter over metallic screen approx (mm)	隔离套外径 diameter over seperation sheath (mm)	铠装钢带厚度 thickness of armour tape (mm)	铠装外径 diameter over armour (mm)	电缆外径 outer diameter approx (mm)	电缆重量 weight of cable approx (kg/km)		最小弯曲半径 min bending radius (mm)	导体短路电流 short circuit current (kA/sec)		载流量 (空气中) max current carrying capacity in air 30°C (A)		载流量 (土壤中) max current carrying capacity in ground (A)	
			Cu	Al							Cu	Al		Cu	Al	Cu	Al	Cu	Al
3.6/6	3×35	7.0	0.52	0.87	13.2	14.7	35.0	0.5	37.0	41.6	2030	1410	624	5.0	3.3	120	90	115	100
3.6/6	3×50	8.3	0.39	0.64	14.5	16.0	37.8	0.5	39.8	44.6	2500	1660	669	7.2	4.7	140	110	135	120
3.6/6	3×70	9.9	0.27	0.44	16.1	17.6	41.4	0.5	43.4	48.4	3240	2030	726	10.0	6.6	165	130	160	140
3.6/6	3×95	11.5	0.19	0.31	17.7	19.2	45.1	0.5	47.1	52.5	4150	2480	788	13.6	8.9	210	165	200	170
3.6/6	3×120	12.9	0.15	0.25	19.1	20.6	48.1	0.5	50.1	55.7	4990	2880	836	17.2	11.3	255	200	240	210
3.6/6	3×150	14.4	0.12	0.21	20.6	22.1	51.5	0.5	53.5	59.3	5840	3350	890	21.5	14.1	290	225	270	235
3.6/6	3×185	16.2	0.10	0.16	22.4	23.9	55.4	0.5	57.4	63.4	7000	3870	945	26.5	17.4	330	255	305	260
3.6/6	3×240	18.3	0.08	0.13	24.7	26.2	60.6	0.5	62.6	69.0	8790	4670	1035	34.4	22.6	375	295	345	300
3.6/6	3×300	20.6	0.06	0.10	27.4	28.9	66.6	0.5	68.6	75.4	10780	5590	1125	43.0	28.2	435	345	400	345
3.6/6	3×400	23.4	0.05	0.08	30.6	32.1	73.9	0.8	77.1	84.5	13380	6870	1268	57.2	37.6	495	390	455	390
6/6, 6/10	3×35	7.0	0.52	0.87	15.0	16.5	38.8	0.5	40.8	45.8	3286	2658	687	5.0	3.3	152	118	164	127
6/6, 6/10	3×50	8.3	0.39	0.64	16.3	17.8	41.8	0.5	43.8	49.0	3859	3007	735	7.2	4.7	182	141	193	150
6/6, 6/10	3×70	9.9	0.27	0.44	17.9	19.4	45.5	0.5	47.5	52.9	4695	3462	794	10.0	6.6	225	175	236	183
6/6, 6/10	3×95	11.5	0.19	0.31	19.5	21.0	49.0	0.5	51.0	56.6	5635	3922	849	13.6	8.9	273	211	282	219
6/6, 6/10	3×120	12.9	0.15	0.25	20.9	22.4	52.2	0.5	54.2	60.0	6598	4435	900	17.2	11.3	313	243	320	249
6/6, 6/10	3×150	14.4	0.12	0.21	22.4	23.9	55.6	0.5	57.6	63.6	7558	4886	954	21.5	14.1	354	275	359	278
6/6, 6/10	3×185	16.2	0.10	0.16	24.2	25.7	59.5	0.5	61.5	67.7	8861	5530	1010	26.5	17.4	404	314	405	315
6/6, 6/10	3×240	18.3	0.08	0.13	26.3	27.8	64.1	0.5	66.2	72.8	10881	6497	1092	34.4	22.6	473	369	468	365
6/6, 6/10	3×300	20.6	0.06	0.10	28.6	30.1	69.4	0.5	71.4	78.4	12964	7467	1170	43.0	28.2	533	421	523	412
6/6, 6/10	3×400	23.4	0.05	0.08	31.4	32.9	75.7	0.8	78.9	86.4	16734	9657	1298	57.2	37.6	613	485	592	469
8.7/10, 8.7/15	3×35	7.0	0.52	0.87	17.2	18.7	43.8	0.5	45.8	51.0	3760	3131	765	5.0	3.3	155	120	165	128
8.7/10, 8.7/15	3×50	8.3	0.39	0.64	18.5	20.0	46.8	0.5	48.8	54.2	4359	3507	813	7.2	4.7	185	144	194	150
8.7/10, 8.7/15	3×70	9.9	0.27	0.44	20.1	21.6	50.5	0.5	52.5	58.3	5161	3927	875	10.0	6.6	229	178	237	184
8.7/10, 8.7/15	3×95	11.5	0.19	0.31	21.7	23.2	53.9	0.5	55.9	61.9	6246	4534	929	13.6	8.9	277	215	283	219
8.7/10, 8.7/15	3×120	12.9	0.15	0.25	23.1	24.6	57.1	0.5	59.1	65.3	7212	5049	980	17.2	11.3	317	246	321	249
8.7/10, 8.7/15	3×150	14.4	0.12	0.21	24.6	26.1	60.6	0.5	62.6	69.0	8273	5600	1035	21.5	14.1	359	278	360	279
8.7/10, 8.7/15	3×185	16.2	0.10	0.16	26.4	27.9	64.5	0.5	66.5	73.1	9554	6223	1089	26.5	17.4	408	318	406	316
8.7/10, 8.7/15	3×240	18.3	0.08	0.13	28.5	30.0	69.2	0.5	71.2	78.2	11662	7278	1173	34.4	22.6	478	373	469	366
8.7/10, 8.7/15	3×300	20.6	0.06	0.10	30.8	32.3	74.4	0.8	77.6	85.0	14542	9045	1268	43.0	28.2	538	421	525	410
8.7/10, 8.7/15	3×400	23.4	0.05	0.08	33.6	35.1	80.6	0.8	83.8	91.6	17489	10411	1374	57.2	37.6	619	489	595	470
12/20	3×35	7.0	0.52	0.87	19.2	20.7	48.3	0.5	50.3	55.9	4290	3661	839	5.0	3.3	157	122	165	128
12/20	3×50	8.3	0.39	0.64	20.5	22.0	51.3	0.5	53.3	59.1	4951	4100	887	7.2	4.7	187	145	194	151
12/20	3×70	9.9	0.27	0.44	22.1	23.6	54.8	0.5	56.8	62.8	5779	4546	942	10.0	6.6	231	180	237	184
12/20	3×95	11.5	0.19	0.31	23.7	25.2	58.4	0.5	60.4	66.6	6845	5132	999	13.6	8.9	279	216	283	220
12/20	3×120	12.9	0.15	0.25	25.1	26.6	61.7	0.5	63.7	70.3	7869	5706	1055	17.2	11.3	319	248	321	250
12/20	3×150	14.4	0.12	0.21	26.6	28.1	64.9	0.5	66.9	73.7	8874	6202	1106	21.5	14.1	362	280	361	280
12/20	3×185	16.2	0.10	0.16	28.4	29.9	69.0	0.5	71.0	78.0	10356	7025	1164	26.5	17.4	411	320	406	316
12/20	3×240	18.3	0.08	0.13	30.5	32.0	73.7	0.8	76.9	84.3	13197	8813	1265	34.4	22.6	477	372	467	364
12/20	3×300	20.6	0.06	0.10	32.8	34.3	78.9	0.8	82.1	89.9	15358	9861	1343	43.0	28.2	542	423	526	411
12/20	3×400	23.4	0.05	0.08	35.6	37.1	85.1	0.8	88.3	96.5	18512	11435	1448	57.2	37.6	622	491	596	471
26/35	3×50	8.3	0.39	0.64	30.9	32.8	75.4	0.8	78.6	86.0	9131	8280	1290	7.2	4.7	195	151	171	133
26/35	3×70	9.9	0.27	0.44	32.5	34.4	79.1	0.8	82.3	89.9	10084	8850	1234.5	10.0	6.58	238	185	209	162
26/35	3×95	11.5	0.19	0.32	34.1	36.0	82.6	0.8	85.8	93.8	11350	9637	1287	13.6	8.93	285	221	249	193
26/35	3×120	12.9	0.15	0.25	35.5	37.4	85.8	0.8	89.0	97.2	12469	10306	1335	17.2	11.3	325	253	282	219
26/35	3×150	14.4	0.12	0.21	37.0	38.9	89.2	0.8	92.4	100.8	13790	11118	1386	21.5	14.1	367	284	315	244
26/35	3×185	16.2	0.10	0.16	38.8	40.7	93.1	0.8	95.9	104.9	15427	12096	1438.5	26.5	17.4	416	324	355	276
26/35	3×240	18.3	0.08	0.13	40.9	42.8	97.8	0.8	101.0	110.0	17687	13303	1515	34.4	22.6	486	378	410	319
26/35	3×300	20.6	0.06	0.10	43.2	45.1	103.0	0.8	105.8	115.4	20082	14584	1587	43.0	28.2	552	430	472	368



**主要项目业绩**  
**References**

地区	Region	项目及用户名称	(End User)
中国	China	中核包头光华化学工业公司	Baotou Guanghua Chemical Industry Corporation
		兰州石化公司	Lanzhou Petrochemical Corporation
		托克托华奥化工有限公司	Tuoketuo Hua'ao Chemical Co., Ltd
		兖矿国泰化工有限公司	Yanzhou guotai Chemical Co., Ltd
		延炼实业集团	Yanlian oil refining group
		中化三联塑胶(内蒙古)有限责任公司	China chemical sanlian plastic (nei mengol)Co., Ltd
		中国石油管道物资装备公司	China petroleum pipeline material and engineer cooperation
		中国石油兰州分公司	China petroleum Lanzhou branch
		铭源时代(北京)石油装备有限公司	Minyuan Shidai(Beijing) Petrol Equipment Co., Ltd
		中国石油工程建设(集团)公司	China petroleum engineer and construction Cooperation
		大庆石油力神	Daqing Petroleum Lishen Co., Ltd
		新疆炼化	Xinjiang Fine Co., Ltd
		中国石油工程建设(集团)公司	China petroleum engineer and construction Cooperation
		武汉钢铁公司	Wuhan Steel Co.
		天津铁厂	Tianjin Iron Plant
		南京钢铁公司	Nanjing Steel Co.
		上海克虏勃不锈钢铁	Shanghai Krupp Stainless (HAPL)
		北京供电局	Beijing PSB
		大亚湾核电	Daya Bay Nuclear Power Plant
		常熟发电厂	Changshu Power Plant
		葛洲坝水电站	Gezhouba Hydroelectric Power Station
		广西岩滩水电站	Guangxi Yan Tan Hydroelectric Power Station
		南京中国水泥厂	Nanjing Cem
		香格里拉大酒店(迪庆)	Shangri-la Hotel (Diqing) Project
		中央电视台彩电中心	Beijing Central TV Station
		人民大会堂改建工程	Reconstruction Project of the People's Great Hall
		北京嘉里中心	Beijing Jiali Center
		北京地铁	Beijing MRT
		北京王府井东方广场	Beijing Wangfujing Plaza
		天津雀巢项目发展有限公司	Tianjin Nestle Development Co. Ltd
		广州地铁	Guangzhou MRT
		广州香格里拉国际饭店	Guangzhou Shangri-La
		福州长乐国际机场	Fuzhou Chang Le International Airport
		深圳国贸中心(二期)	Shenzhen International Trade Building (2PndP Phase)
		深圳机场	Shenzhen Airport
		深圳新时代广场	Shenzhen New Time Plaza
		深圳海王大厦	Shenzhen Hai Wang B
		深圳新闻中心大厦	Shenzhen News Centre Building
		厦门国际会展中心	Xiamen International Convention Centre
		厦门ABB 高压电器设备有限公司	ABB Xiamen Hi Voltage Equipment Co Ltd
		上海地铁	Shanghai Underground Railway
		上海城隍庙商务广场	Shanghai Old City Temple Business Centre
		上海来富士广场	Shanghai Raffles Square

地区	Region	项目及用户名称	(End User)
中国	China	箭牌(上海)有限公司	Wrigley Co. Ltd
		上海德尔福汽车有限公司	Shanghai Delphi Automobile Co. Ltd
		上海浦东中国银行大厦	Shanghai Pudong Bank of China Building
		上海嘉德广场	Shanghai Jia De Plaza
		青岛中银大厦	Qingdao Zhong Yin Building
		南京禄口机场	Nanjing Lu Kou Airport
		苏州轻轨	Suzhou MRT
		苏州绿宝广场	Suzhou Emerald City
		西门子(中国)有限公司	Siemens (China) Co. Ltd
		夏普电器有限公司	Sharp Electronics Co. Ltd
		和露雪(中国)有限公司	Wall's (China) Co., Ltd
		通用-东芝有机硅公司	GE-TOSHIBA SILICON CO., LTD
		壳牌(南海)	Shell (Nanhai)
		埃克森化工有限公司	Exxon Chemistry Co., Ltd
		浦东杜邦农药有限公司	Pudong Dupont Agricultural Co. Ltd
		扬子巴斯夫有限公司	BASF-YPC Company Ltd
		爱默生能源系统(上海)有限公司	Emerson Energy Systems (Shanghai) Co Ltd
		苏州阿尔斯通开关有限公司	Suzhou Alstom T&D Switch-gear Co Ltd
		天津阿尔斯通	Tianjin Alstom
		BP(宁波)石油液化气有限公司	Ningbo LPG Bulk Breaking Terminal Project
		克百纳约翰布朗化工技术(北京)	Kvaerner John Brown Chemical Technology(BJ)
		苏州大学附属第一医院平江医院	The First Affiliated Hospital of Soochow University-Pingjiang Hospital
		苏州大学附属儿童医院园区总院	Soochow University Affiliated Children Hospital-Headquater in SIP
		葛兰素威康制药(苏州)有限公司	Glaxo Wellcome Pharmaceutical (Suzhou) Co. Ltd
毛里求斯	MAURITIUS		CENTRAL ELC. BOATD
			Mauritius airprot
澳门	MACAU		Companhia de Electricidade
			Venetian Threatre
			Macao Taipa Pier
			Venetian Exhibition Hall
			Holiday Inn Hotel Macau
			University of Macau Phase A1
			Sands Macau
			Macau International Airport
新加坡	Singapore		MENG HENG GLASS PTE LTD
菲律宾	Philippines		Subic Enerzone Corporation
			LINK ENERGIE Industries Co., Inc.
			Davao Light & Power Co., Ltd
德国	Germany		Siemens AG Power Generation
迪拜	Dubai		SPECIALIZED POWER PRODUCTS
埃及	Egypt		Schneider Electric Egypt s.a.e.