

## 交联聚乙烯绝缘聚氯乙烯护套 稀土铝合金电力电缆

### 产品结构特点:

采用紧压型稀土铝合金导体；绝缘层为阻燃交联聚乙烯，具有防燃烧、耐潮湿等特点；电缆的内屏蔽和外屏蔽采用国际尖端技术和设备生产而成，其特有的三层共挤技术加上公司引进的西科拉公司X-射线测偏仪，自动控制绝缘以及内外屏蔽层厚度，最大程度上保证了产品质量；外层绕包加强纤维带和防辐射PVC护套，适用范围广泛，环保耐用。

### 产品特性分析:

交联聚乙烯是利用硅烷交联或过氧化物交联方法，使聚乙烯转变成热固性的交联聚乙烯，从而大幅度地提高了电缆的耐热性能、耐老化性能和使用寿命，并且环保。我公司自主研发的稀土铝合金导体抗蠕变、高柔韧、连接稳定、强延展，低反弹，与纯铝导体相比，不仅经济性能优良而且具有优异的机械性能、安全性能、连接性能等多项特性。电缆护套采用环保型的PVC，可在潮湿场所安装，亦可直埋或敷设在水泥中使用；根据使用场合要求不同，亦可根据用户需要生产低烟无卤、耐火阻燃电缆，能达到阻燃IA级、耐火I级，符合GA306.1及GA306.2标准。

### 产品使用要求:

适用于600V~35kV电压等级；适用于90℃下干燥或潮湿场所；可室内、室外安装，可垂直安装，也可托架或沿墙敷设，也可地下直埋安装；弯曲半径最小为7倍外径，也可360°弯曲；适用于民用、商业、工业、学校、大型场馆等场所。



### 电缆的型号、名称及主要用途

型号	名称	主要用途
YJHLV(TC90)	交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆	敷设在室内、隧道、管道、电缆沟及松散土壤中，电缆不能承受机械外力作用，但可承受一定的牵引力。
YJHLV <sub>22</sub>	交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆	敷设在地下，电缆能承受机械外力的作用，但不能承受大的拉力。

本公司生产的各种阻燃电力电缆在原型号前加“ZR”；各种耐火电力电缆在原型号前加“NH”。

### 电缆的型号、芯数及额定电压、标称截面

型号	芯数	额定电压/标称截面		
		0.6/1kv	8.7/10kv 8.7/15kv	26/35kv
YJHLV(TC90)	1	10-400	25-500	50-500
	3	10-400	25-500	50-500
	3+1	16-400		
	3+2	16-400		
	4	10-400		
	4+1	16-400		
YJHLV <sub>22</sub>	3	10-400	25-500	50-500
	3+1	16-400		
	3+2	16-400		
	4	10-400		
	4+1	16-400		

YJHLV(TC90) 0.6/1KV单芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV single cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
10	3.80	0.7	1.5	8.0	95	≤3.08	≥0.523	60	75
16	4.80	0.7	1.5	8.9	120	≤1.91	≥0.431	80	100
25	6.00	0.9	1.5	10.4	190	≤1.20	≥0.444	115	130
35	7.00	0.9	1.5	11.5	207	≤0.868	≥0.379	140	150
50	8.40	1.0	1.5	13.0	245	≤0.641	≥0.355	170	180
70	10.00	1.1	1.5	14.0	336	≤0.443	≥0.335	215	225
95	11.60	1.1	1.5	16.4	455	≤0.320	≥0.290	275	270
120	13.00	1.2	1.5	17.8	550	≤0.253	≥0.282	320	305
150	14.60	1.4	2.0	20.6	650	≤0.206	≥0.294	370	340
185	16.20	1.6	2.0	22.5	804	≤0.164	≥0.303	415	375
240	18.40	1.7	2.0	24.9	1021	≤0.125	≥0.283	490	435
300	20.60	1.8	2.5	27.3	1238	≤0.100	≥0.263	565	495
400	23.80	2.0	2.5	34.1	1455	≤0.0778	≥0.243	640	555

YJHLV(TC90) 0.6/1KV三芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV 3 cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
10	3.80	0.7	1.5	14.6	260	≤3.08	≥0.523	50	60
16	4.80	0.7	1.5	16.5	340	≤1.91	≥0.431	65	80
25	6.00	0.9	2.0	20.8	470	≤1.20	≥0.444	90	100
35	7.00	0.9	2.0	23.2	600	≤0.868	≥0.379	110	120
50	8.40	1.0	2.0	26.4	730	≤0.641	≥0.355	130	140
70	10.00	1.1	2.0	29.9	970	≤0.443	≥0.335	170	175
95	11.60	1.1	2.0	33.3	1240	≤0.320	≥0.290	205	210
120	13.00	1.2	2.5	37.8	1540	≤0.253	≥0.282	240	235
150	14.60	1.4	2.5	41.7	1940	≤0.206	≥0.294	275	265
185	16.20	1.6	2.5	44.6	2248	≤0.164	≥0.303	320	301
240	18.40	1.7	2.5	50.1	2723	≤0.125	≥0.283	385	355
300	20.60	1.8	3.0	55.6	3218	≤0.100	≥0.263	450	409
400	23.80	2.0	3.0	61.6	3693	≤0.0778	≥0.243	515	463

YJHLV(TC90) 0.6/1KV (3+1)交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV (3+1) cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
3×16+1×10	4.80	0.7	1.5	17.5	407	≤1.91	≥0.431	70	90
3×25+1×16	6.00	0.9	2.0	21.8	566	≤1.20	≥0.444	105	120
3×35+1×16	7.00	0.9	2.0	23.8	683	≤0.868	≥0.379	130	140
3×50+1×25	8.40	1.0	2.0	27.4	849	≤0.641	≥0.355	160	170
3×70+1×35	10.00	1.1	2.0	31.0	1123	≤0.443	≥0.335	203	203
3×95+1×50	11.60	1.1	2.5	35.8	1473	≤0.320	≥0.290	255	250
3×120+1×70	13.00	1.2	2.5	39.7	1821	≤0.253	≥0.282	300	285
3×150+1×70	14.60	1.4	2.5	42.9	2199	≤0.206	≥0.294	350	320
3×185+1×95	16.20	1.6	3.0	47.4	2696	≤0.164	≥0.303	376	382
3×240+1×120	18.40	1.7	3.0	52.7	3408	≤0.125	≥0.283	435	439
3×300+1×150	20.60	1.8	3.5	58.0	4401	≤0.100	≥0.263	484	489
3×400+1×185	23.80	2.0	3.5	63.5	5590	≤0.0778	≥0.243	555	561

YJHLV(TC90) 0.6/1KV (3+2)交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV (3+2) cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
3×16+2×10	4.8	0.7	1.80	21.68	510.76	≤1.91	≥0.431	72	85
3×25+2×16	6.0	0.9	1.80	25.88	707.38	≤1.20	≥0.444	85	92
3×35+2×16	7.0	0.9	1.80	27.88	821.76	≤0.868	≥0.379	102	110
3×50+2×25	8.4	1.0	2.00	32.08	1149.36	≤0.641	≥0.355	123	131
3×70+2×35	10.0	1.1	2.10	36.88	1513.11	≤0.443	≥0.335	152	159
3×95+2×50	11.60	1.1	2.30	41.76	1687.68	≤0.320	≥0.290	184	190
3×120+2×70	13.0	1.2	2.50	46.01	2106.83	≤0.253	≥0.282	213	216
3×150+2×70	14.6	1.4	2.60	51.32	2512.96	≤0.206	≥0.294	241	240
3×185+2×95	16.2	1.6	2.80	56.89	3097.14	≤0.164	≥0.303	277	271
3×240+2×120	18.4	1.7	3.00	62.89	4154.60	≤0.125	≥0.283	325	312
3×300+2×150	20.6	1.8	3.20	70.02	5080.33	≤0.100	≥0.263	361	346
3×400+2×185	23.80	2.0	3.40	76.87	6446.14	≤0.0778	≥0.243	424	410

YJHLV(TC90) 0.6/1KV四芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV 4 cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.Overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20°C时导体直流电阻D.C. Resistance at 20°C Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
10	3.80	0.7	1.5	15.9	327	≤3.08	≥0.523	49	59
16	4.80	0.7	2.0	19.1	428	≤1.91	≥0.431	64	78
25	6.00	0.9	2.0	22.7	594	≤1.20	≥0.444	87	98
35	7.00	0.9	2.0	25.4	739	≤0.868	≥0.379	120	130
50	8.40	1.0	2.0	29.0	949	≤0.641	≥0.355	151	161
70	10.00	1.1	2.0	32.9	1271	≤0.443	≥0.335	183	192
95	11.60	1.1	2.5	37.7	1627	≤0.320	≥0.290	238	234
120	13.00	1.2	2.5	41.6	2016	≤0.253	≥0.282	285	276
150	14.60	1.4	3.0	47.6	2505	≤0.206	≥0.294	328	318
185	16.20	1.6	3.0	50.6	3044	≤0.164	≥0.303	375	351
240	18.40	1.7	3.0	56.4	4100	≤0.125	≥0.283	405	391
300	20.60	1.8	3.5	62.2	5020	≤0.100	≥0.263	422	392
400	23.80	2.0	3.5	68.0	6428	≤0.0778	≥0.243	465	425

YJHLV(TC90) 0.6/1KV (4+1)芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 0.6/1KV (4+1) cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.Overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20°C时导体直流电阻D.C. Resistance at 20°C Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
4×16+1×10	4.80	0.7	1.5	17.5	515	≤1.91	≥0.431	74	77
4×25+1×16	6.00	0.9	2.0	21.8	717	≤1.20	≥0.444	88	97
4×35+1×16	7.00	0.9	2.0	23.8	831	≤0.868	≥0.379	115	125
4×50+1×25	8.40	1.0	2.0	27.4	1162	≤0.641	≥0.355	150	159
4×70+1×35	10.00	1.1	2.0	31.0	1623	≤0.443	≥0.335	178	183
4×95+1×50	11.60	1.1	2.5	25.8	2231	≤0.320	≥0.290	228	237
4×120+1×70	13.00	1.2	2.5	39.7	2665	≤0.253	≥0.282	279	287
4×150+1×70	14.60	1.4	2.5	42.9	3190	≤0.206	≥0.294	323	338
4×185+1×95	16.20	1.6	3.0	47.4	3842	≤0.164	≥0.303	359	364
4×240+1×120	18.40	1.7	3.0	52.7	5001	≤0.125	≥0.283	415	419
4×300+1×150	20.60	1.8	3.5	58.0	5679	≤0.100	≥0.263	461	466
4×400+1×185	23.80	2.0	3.5	63.5	7185	≤0.0778	≥0.243	529	535

YJHLV(TC90) 8.7/10KV、8.7/15KV单芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 8.7/10KV、8.7/15KV single cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.Overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20°C时导体直流电阻D.C. Resistance at 20°C Ω/km	短路电流 Short circuit current KA	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
25	6.00	4.5	1.8	23.0	617	≤1.200	2.42	130	120
35	7.00	4.5	1.8	24.0	678	≤0.868	3.37	155	145
50	8.40	4.5	1.8	26.0	757	≤0.641	4.79	190	175
70	10.00	4.5	1.8	27.0	866	≤0.443	6.68	235	215
95	11.60	4.5	1.8	29.0	996	≤0.320	9.68	290	255
120	13.00	4.5	1.9	30.0	1116	≤0.253	11.4	335	290
150	14.60	4.5	1.9	32.0	1250	≤0.206	14.2	380	330
185	16.20	4.5	2.0	34.0	1481	≤0.164	17.5	435	370
240	18.40	4.5	2.1	36.0	1719	≤0.125	22.6	515	435
300	20.60	4.5	2.1	38.0	1971	≤0.100	28.2	595	490
400	23.80	4.5	2.3	42.0	2354	≤0.0778	37.6	695	565
500	26.60	4.5	2.4	44.0	2373	≤0.0605	47.0	810	650

YJHLV(TC90) 8.7/10KV、8.7/15KV三芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆  
YJHLV(TC90) 8.7/10KV、8.7/15KV 3 cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.Overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20°C时导体直流电阻D.C. Resistance at 20°C Ω/km	短路电流 Short circuit current KA	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
25	6.00	4.5	2.4	48.0	2102	≤1.200	2.42	95	100
35	7.00	4.5	2.5	50.0	2300	≤0.868	3.37	122	127
50	8.40	4.5	2.6	53.0	2534	≤0.641	4.79	150	157
70	10.00	4.5	2.7	57.0	2911	≤0.443	6.68	187	194
95	11.60	4.5	2.8	61.0	3348	≤0.320	9.68	225	231
120	13.00	4.5	2.9	64.0	3843	≤0.253	11.4	270	276
150	14.60	4.5	3.1	68.0	4346	≤0.206	14.2	308	313
185	16.20	4.5	3.2	72.0	4874	≤0.164	17.5	350	357
240	18.40	4.5	3.3	77.0	5845	≤0.125	22.6	418	422
300	20.60	4.5	3.5	82.0	6653	≤0.100	28.2	470	475
400	23.80	4.5	3.6	87.0	7459	≤0.0778	37.6	520	526
500	26.60	4.5	3.8	92.0	8265	≤0.0605	47.0	578	583

YJHLV(TC90) 26/35KV单芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆

YJHLV(TC90) 26/35KV single cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	短路电流 Short circuit current KA	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
50	8.40	10.5	2.2	38.0	1487	≤0.641	4.79	190	175
70	10.00	10.5	2.2	40.0	1628	≤0.443	6.68	235	215
95	11.60	10.5	2.3	42.0	1793	≤0.320	9.68	290	255
120	13.00	10.5	2.3	43.0	1942	≤0.253	11.4	335	290
150	14.60	10.5	2.4	45.0	2104	≤0.206	14.2	375	325
185	16.20	10.5	2.4	47.0	2294	≤0.164	17.5	430	370
240	18.40	10.5	2.5	49.0	2577	≤0.125	22.6	515	430
300	20.60	10.5	2.6	51.0	2982	≤0.100	28.2	595	490
400	23.80	10.5	2.7	55.0	3424	≤0.0778	37.6	695	565
500	26.60	10.5	2.8	57.0	3866	≤0.0605	47.0	790	645

YJHLV(TC90) 26/35KV三芯交联聚乙烯绝缘聚氯乙烯护套稀土铝合金电力电缆

YJHLV(TC90) 26/35KV 3 cores XLPE insulated PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	短路电流 Short circuit current KA	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
50	8.40	10.5	3.4	82.44	5778	≤0.641	4.79	152	145
70	10.00	10.5	3.5	86.10	6232	≤0.443	6.68	189	177
95	11.60	10.5	3.6	89.76	6824	≤0.320	9.68	225	215
120	13.00	10.5	3.7	92.98	7406	≤0.253	11.4	263	245
150	14.60	10.5	3.8	96.64	8165	≤0.206	14.2	300	275
185	16.20	10.5	3.9	100.29	8991	≤0.164	17.5	340	310
240	18.40	10.5	4.0	105.44	10100	≤0.125	22.6	405	365
300	20.60	10.5	4.1	110.60	11200	≤0.100	28.2	460	415
400	23.80	10.5	4.2	115.40	12246	≤0.0778	37.6	576	536
500	26.60	10.5	4.3	121.60	13300	≤0.0605	47.0	674	624

YJHLV<sub>22</sub> 0.6/1KV三芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 0.6/1KV 3 cores XLPE insulated steel tape armored PVC sheathed AL.-R. E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
10	3.80	0.7	1.5	17.8	505	≤3.08	≥0.523	59	68
16	4.80	0.7	2.0	21.5	615	≤1.91	≥0.431	77	80
25	6.00	0.9	2.0	24.8	800	≤1.20	≥0.444	96	101
35	7.00	0.9	2.0	27.2	952	≤0.868	≥0.379	120	131
50	8.40	1.0	2.0	30.4	1378	≤0.641	≥0.355	157	166
70	10.00	1.1	2.5	35.3	1709	≤0.443	≥0.335	186	192
95	11.60	1.1	2.5	38.7	2119	≤0.320	≥0.290	243	224
120	13.00	1.2	2.5	42.2	2463	≤0.253	≥0.282	263	256
150	14.60	1.4	3.0	47.5	2940	≤0.206	≥0.294	302	289
185	16.20	1.6	3.0	52.8	3439	≤0.164	≥0.303	340	321
240	18.40	1.7	3.0	58.1	4200	≤0.125	≥0.283	378	355
300	20.60	1.8	3.5	63.4	4950	≤0.100	≥0.263	417	387
400	23.80	2.0	3.5	68.7	5685	≤0.0778	≥0.243	456	420

YJHLV<sub>22</sub> 0.6/1KV (3+1)芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 0.6/1KV (3+1) cores XLPE insulated steel tape armored PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
3×16+1×10	4.80	0.7	2.0	22.5	681	≤1.91	≥0.431	64	76
3×25+1×16	6.00	0.9	2.0	25.8	889	≤1.20	≥0.444	84	101
3×35+1×16	7.00	0.9	2.0	27.8	1031	≤0.868	≥0.379	115	126
3×50+1×25	8.40	1.0	2.0	31.4	1550	≤0.641	≥0.355	141	152
3×70+1×35	10.00	1.1	2.5	36.4	1920	≤0.443	≥0.335	186	192
3×95+1×50	11.60	1.1	2.5	40.2	2359	≤0.320	≥0.290	239	248
3×120+1×70	13.00	1.2	3.0	44.1	2799	≤0.253	≥0.282	292	290
3×150+1×70	14.60	1.4	3.0	48.7	3275	≤0.206	≥0.294	339	329
3×185+1×95	16.20	1.6	3.0	53.3	3853	≤0.164	≥0.303	376	366
3×240+1×120	18.40	1.7	3.0	58.9	4683	≤0.125	≥0.283	405	383
3×300+1×150	20.60	1.8	3.5	63.5	5865	≤0.100	≥0.263	451	429
3×400+1×185	23.80	2.0	3.5	69.1	6636	≤0.0778	≥0.243	491	475

YJHLV<sub>22</sub> 0.6/1KV (3+2)交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 0.6/1KV (3+2) cores XLPE insulated steel tape armored PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
3×16+2×10	4.8	0.7	1.80	25.60	840	≤1.91	≥0.431	64	77
3×25+2×16	6.0	0.9	1.90	30.00	1115	≤1.20	≥0.444	84	97
3×35+2×16	7.0	0.9	2.00	33.40	1632	≤0.868	≥0.379	115	125
3×50+2×25	8.4	1.0	2.20	38.60	2103	≤0.641	≥0.355	124	129
3×70+2×35	10.0	1.1	2.30	43.40	2604	≤0.443	≥0.335	153	158
3×95+2×50	11.6	1.1	2.50	38.28	2651	≤0.320	≥0.290	185	188
3×120+2×70	13.0	1.2	2.60	41.14	3141	≤0.253	≥0.282	214	213
3×150+2×70	14.6	1.4	2.80	45.07	3678	≤0.206	≥0.294	242	237
3×185+2×95	16.2	1.6	3.00	49.19	4388	≤0.164	≥0.303	277	268
3×240+2×120	18.4	1.7	3.20	53.78	5012	≤0.125	≥0.283	335	318
3×300+2×150	20.6	1.8	3.40	58.89	5734	≤0.100	≥0.263	405	400
3×400+2×185	23.8	2.0	3.60	64.27	6487	≤0.0778	≥0.243	468	466

YJHLV<sub>22</sub> 0.6/1KV四芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 0.6/1KV 4 cores XLPE insulated steel tape armored PVC sheathed AL.-R. E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
10	3.80	0.7	1.5	20.1	577	≤3.08	≥0.523	57	65
16	4.80	0.7	2.0	23.1	711	≤1.91	≥0.431	64	76
25	6.00	0.9	2.0	26.7	932	≤1.20	≥0.444	84	101
35	7.00	0.9	2.0	29.4	1124	≤0.868	≥0.379	115	126
50	8.40	1.0	2.0	33.0	1670	≤0.641	≥0.355	141	152
70	10.00	1.1	2.5	38.3	2210	≤0.443	≥0.335	186	192
95	11.60	1.1	2.5	42.1	2662	≤0.320	≥0.290	239	248
120	13.00	1.2	3.0	47.4	3166	≤0.253	≥0.282	292	290
150	14.60	1.4	3.0	52.2	3792	≤0.206	≥0.294	339	329
185	16.20	1.6	3.0	57.0	4487	≤0.164	≥0.303	376	366
240	18.40	1.7	3.0	61.8	5562	≤0.125	≥0.283	405	383
300	20.60	1.8	3.5	66.6	6624	≤0.100	≥0.263	451	429
400	23.80	2.0	3.5	71.4	8745	≤0.0778	≥0.243	491	475

YJHLV<sub>22</sub> 0.6/1KV (4+1)芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 0.6/1KV (4+1) cores XLPE insulated steel tape armored PVC sheathed AL.-R.E. -Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	绝缘电阻 Resistance of insulation MΩ/km	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
4×16+1×10	4.80	0.7	1.8	23.24	681	≤1.91	≥0.431	64	77
4×25+1×16	6.00	0.9	1.8	27.10	927	≤1.20	≥0.444	88	97
4×35+1×16	7.00	0.9	1.8	29.50	1112	≤0.868	≥0.379	115	125
4×50+1×25	8.40	1.0	2.0	31.80	1311	≤0.641	≥0.355	150	159
4×70+1×35	10.00	1.1	2.2	37.60	2096	≤0.443	≥0.335	178	183
4×95+1×50	11.60	1.1	2.3	42.60	2638	≤0.320	≥0.290	228	237
4×120+1×70	13.00	1.2	2.5	48.00	3241	≤0.253	≥0.282	279	287
4×150+1×70	14.60	1.4	2.6	52.60	3790	≤0.206	≥0.294	323	338
4×185+1×95	16.20	1.6	2.8	57.20	4587	≤0.164	≥0.303	359	364
4×240+1×120	18.40	1.7	3.0	63.80	5672	≤0.125	≥0.283	415	419
4×300+1×150	20.60	1.8	3.2	67.20	6720	≤0.100	≥0.263	461	466
4×400+1×185	23.80	2.0	3.6	82.10	8853	≤0.0778	≥0.243	529	535

YJHLV<sub>22</sub> 8.7/10KV、8.7/15KV三芯交联聚乙烯绝缘钢带铠装聚氯乙烯护套稀土铝合金电力电缆

YJHLV<sub>22</sub> 8.7/10KV、8.7/15KV 3 cores XLPE insulated steel tape armored PVC sheathed AL.-R.E.-Iron alloy power cable

导线标称截面 Nominal cross sectional area of conductor (mm <sup>2</sup> )	导体直径 Dia.of conductor mm	绝缘厚度 Insulation thickness (mm)	护套厚度 Thickness of sheath mm	电缆近似外径 Approx.overall diameter of cable (mm)	电缆近似重量 Approx weight of cable (kg/km)	20℃时导体直流电阻D.C. Resistance at 20℃ Ω/km	短路电流 Short circuit current KA	电缆载流量 Current rating	
								在空气中 In the air (A)	直埋土壤中 Direct in soil(A)
25	6.00	4.5	2.6	53.0	3323	≤1.200	≥2.42	95	100
35	7.00	4.5	2.6	56.0	3589	≤0.868	≥3.37	122	127
50	8.40	4.5	2.8	59.0	3881	≤0.641	≥4.79	140	150
70	10.00	4.5	2.9	63.0	4508	≤0.443	≥6.68	175	180
95	11.60	4.5	3.0	67.0	5085	≤0.320	≥9.68	210	220
120	13.00	4.5	3.1	70.0	5534	≤0.253	≥11.4	235	245
150	14.60	4.5	3.2	74.0	6154	≤0.206	≥14.2	265	270
185	16.20	4.5	3.3	78.0	6989	≤0.164	≥17.5	305	310
240	18.40	4.5	3.6	84.0	8835	≤0.125	≥22.6	355	355
300	20.60	4.5	3.7	89.0	9881	≤0.100	≥28.2	400	400
400	23.80	4.5	3.8	94.0	10927	≤0.0778	≥37.6	445	445
500	26.60	4.5	4.0	99.0	11973	≤0.0605	≥47.0	490	490