

交联聚乙烯绝缘电力电缆

XLPE insulated electric cable

一、用途 Usage

电缆用于额定电压0.6/1, 1.8/3, 3.6/6, 6/6, 6/10, 8.7/10, 8.7/15, 12/20, 21/35, 26/35KV输配电系统。
The cable is used in electric transmission and distribution sytrern operation at rated voltage of 0.6/1,1.8/3,3.6/6,6/6,6/10,8.7/10,8.7/15,12/20,21/35,26/35KV

二、型号及名称（见表1） Model and name(see table 1)

表 1
table 1

型 号 Model	名 称 Name
YJV YJLV	铜芯或铝芯交联聚乙烯绝缘，聚氯乙烯护套电力电缆 Cu or Al conductor,XLPE insrlated.PVC sheathed electric cable
YJV22 YJV22	铜芯或铝芯交联聚乙烯绝缘，钢带铠装聚氯乙烯护套电力电缆 Cu or Al conductor,XLPE insrlated steel tape armoured PVC sheathed electric cable
YJV32.42 YJV32.42	铜芯或铝芯交联聚乙烯绝缘，钢丝铠装聚氯乙烯护套电力电缆 Cu or Al conductor,XLPE insrlated steel tape armored PVC sheathed electric cable

三、技术性能 Technology property

1. 弯曲半径：

单芯电缆允许弯曲半径为20（d+D）±5%

多芯电缆允许弯曲半径为15（d+D）±5%

D=电缆的实际外径（mm）

d=导体的实限直径（mm）
2. 敷设温度：

低于0℃敷设时必须预先加温。
3. 敷设落差：

电缆敷设不受水平落差限制。
- 1.Bending dadius:

Bending radius of single core cable is 20（d+D）±5%

Bending radius of multi-core cable is 15（d+D）±5%

D=Aetual outer diameter of cable sample（mm）

d=Aetual diameter of the comductor（mm）
2. Installation temperature:

It should be heated where ambient temperature is below 0℃
3. leverdifference of cable installation:

Not restricted by the difference of level along the route.

四、不同环境温度下的载流量修正系数

Conversion factors of current rating for ambient temperature

工作温度 Operating temperature (℃)	空气温度 Air temperature								
	15	10	15	20	25	30	40	45	50
	1.30	1.26	1.22	1.18	1.44	1.09	1.0	0.94	0.89
	土壤温度 Soil temperature								
	5	10	15	20	25	30	35		
	1.44	1.11	1.07	1.04	1.00	0.96	0.92		

五、结构尺寸、技术参数（见表2-11） Structure size,technology parameters(see table2-11)

YJV-0.6/1kV交联电力电缆 YJV-0.6/1kV XLPE insulated power cable

表 2
table 2

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx.weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A.C.	绝缘电阻 Insuiation resistance 90℃	电缆载流量 Cable current-carrying			
										在空气中 In air(A)		直埋土壤中 Diret in soil(A)	
				Cu	Al	Cu	Al	(kV/5min)	(MΩ.km)	Cu	Al	Cu	Al
1×1.5	0.7	1.5	6	53	-	≤12.1	-	3.5	≥1.10	-	-	-	-
1×2.5	0.7	1.5	6	68	53	≤7.41	≤12.1	3.5	≥0.916	-	-	-	-
1×4	0.7	1.5	7	87	64	≤4.61	≤7.41	3.5	≥0.757	-	-	60	50
1×6	0.7	1.5	7	110	73	≤3.08	≤4.61	3.5	≥0.645	-	-	70	55
1×10	0.7	1.5	8	155	95	≤1.83	≤3.08	3.5	≥0.523	-	-	95	75
1×16	0.7	1.5	9	220	120	≤1.15	≤1.91	3.5	≥0.431	-	-	125	100
1×25	0.9	1.5	10	345	190	≤0.727	≤1.20	3.5	≥0.444	123	95	160	130
1×35	0.9	1.5	12	424	207	≤0.524	≤0.868	3.5	≥0.379	149	115	190	150
1×50	1.0	1.5	13	555	245	≤0.387	≤0.641	3.5	≥0.355	190	147	225	180
1×70	1.1	1.5	14	770	336	≤0.268	≤0.443	3.5	≥0.335	231	179	280	225

YJV-0.6/1kV交联电力电缆 YJV-0.6/1kV XLPE insulated power cable

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	绝缘电阻 Insuiation resistance 90℃ (MΩ km)	电缆载流量 Cable current-carrying			
										在空气中 In air (A)		直埋土壤中 Dirct in soil (A)	
				Cu	Al	Cu	Al			Cu	Al	Cu	Al
1×95	1.1	1.5	16	1040	455	≤0.193	≤0.320	3.5	≥0.290	285	221	335	270
1×120	1.2	1.5	18	1290	550	≤0.153	≤0.253	3.5	≥0.282	332	257	380	3305
1×150	1.4	2.0	21	1590	650	≤0.124	≤0.206	3.5	≥0.294	380	294	425	340
1×185	1.6	2.0	23	1940	804	≤0.0991	≤0.164	3.5	≥0.303	439	390	480	375
1×240	1.7	2.0	25	2510	1021	≤0.0754	≤0.125	3.5	≥0.283	529	410	555	435
1×300	1.8	1.8	27.8	3026	1162	≤0.0601	≤0.1	3.5	≥0.260	620	485	605	475
1×400	2.0	2.0	31.5	3860	1476	≤0.047	≤0.0778	3.5	≥0.250	720	570	685	545
2×1.5	0.7	1.8	10.4	116	97	≤12.1	-	3.5	≥1.10	20	-	17	-
2×2.5	0.7	1.8	11.2	145	113	≤7.41	≤12.1	3.5	≥0.916	33	25	46	36
2×4	0.7	1.8	12.2	185	135	≤4.61	≤7.41	3.5	≥0.757	43	34	59	47
2×6	0.7	1.8	13.2	236	161	≤3.08	≤4.61	3.5	≥0.645	55	45	75	61
2×10	0.7	1.8	15.8	348	221	≤1.83	≤3.08	3.5	≥0.523	76	58	100	78
2×16	0.7	1.8	17.8	487	286	≤1.15	≤1.91	3.5	≥0.431	97	75	130	100
2×25	0.9	1.8	21.2	718	401	≤0.727	≤1.20	3.5	≥0.444	130	100	165	130
2×35	0.9	1.8	22.4	907	473	≤0.524	≤0.868	3.5	≥0.379	160	120	200	155
2×50	1.0	1.8	25.4	1189	603	≤0.387	≤0.641	3.5	≥0.355	195	150	240	185
2×70	1.1	1.8	28.8	1642	793	≤0.268	≤0.443	3.5	≥0.335	245	190	290	225
2×95	1.1	2.0	32.6	2220	1041	≤0.193	≤0.32	3.5	≥0.290	305	235	355	275
2×120	1.2	2.1	36.2	2769	1282	≤0.153	≤0.253	3.5	≥0.282	355	275	405	395
2×150	1.4	2.2	40.2	3404	1570	≤0.124	≤0.206	3.5	≥0.294	405	315	450	350
2×185	1.6	2.3	44.4	4222	1926	≤0.0991	≤0.164	3.5	≥0.303	465	365	510	395
2×240	1.7	2.5	49.8	5472	2455	≤0.0754	≤0.125	3.5	≥0.283	542	424	588	465
2×300	1.8	2.7	55.0	6804	3018	≤0.0601	≤0.1	3.5	≥0.260	627	492	664	524
2×400	2.0	2.9	62.0	8654	3814	≤0.047	≤0.078	3.5	≥0.250	723	576	723	600
3×1.5	0.7	1.5	10	145	-	≤12.1	-	3.5	≥1.10	-	-	-	-
3×2.5	0.7	1.5	11	185	140	≤7.41	≤12.1	3.5	≥0.916	20	15	-	-
3×4	0.7	1.5	12	250	175	≤4.61	≤7.41	3.5	≥0.757	27	21	30	30
3×6	0.7	1.5	13	320	210	≤3.08	≤4.61	3.5	≥0.645	35	27	60	37

YJV-0.6/1kV交联电力电缆 YJV-0.6/1kV XLPE insulated power cable

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	绝缘电阻 Insuiation resistance 90℃ (MΩ km)	电缆载流量 Cable current-carrying			
										在空气中 In air (A)		直埋土壤中 Dirct in soil (A)	
				Cu	Al	Cu	Al			Cu	Al	Cu	Al
3×10	0.7	1.8	15	450	260	≤1.83	≤3.08	3.5	≥0.523	49	38	65	50
3×16	0.7	1.8	17	640	340	≤1.15	≤1.91	3.5	≥0.431	67	52	88	68
3×25	0.9	1.8	21	940	470	≤0.727	≤1.20	3.5	≥0.444	89	69	113	87
3×35	0.9	1.8	23	1260	600	≤0.524	≤0.868	3.5	≥0.379	106	82	136	105
3×50	1.0	1.8	27	1670	730	≤0.387	≤0.641	3.5	≥0.355	135	104	167	120
3×70	1.1	1.9	30	12280	970	≤0.268	≤0.443	3.5	≥0.335	167	129	196	152
3×95	1.1	2.0	34	3020	1240	≤0.193	≤0.320	3.5	≥0.290	200	155	233	180
3×120	1.2	2.1	38	3790	1540	≤0.153	≤0.253	3.5	≥0.282	214	181	267	207
3×150	1.4	2.3	42	4750	1940	≤0.124	≤0.206	3.5	≥0.294	273	211	306	237
3×185	1.6	2.4	45	5654	2248	≤0.0991	≤0.164	3.5	≥0.303	318	246	341	264
3×240	1.7	2.6	51	7243	2723	≤0.0754	≤0.125	3.5	≥0.283	380	294	400	310
3×300	1.8	2.8	59.1	9646	3969	≤0.0601	≤0.1	3.5	≥0.260	555	435	565	445
3×400	2.0	3.1	66.8	12306	5046	≤0.047	≤0.0778	3.5	≥0.250	640	510	640	510
4×4	0.7	1.8	13	253	155	≤4.61	≤7.41	3.5	≥0.757	27	21	39	30
4×6	0.7	1.8	14	337	184	≤3.08	≤4.61	3.5	≥0.645	35	27	48	37
4×10	0.7	1.8	16	501	258	≤1.83	≤3.08	3.5	≥0.523	49	38	65	50
4×16	0.7	1.8	19	778	366	≤1.15	≤1.91	3.5	≥0.431	67	52	88	68
4×25	0.7	1.8	22	1160	540	≤0.727	≤1.20	3.5	≥0.444	89	69	113	87
4×35	0.9	1.8	25	1554	686	≤0.524	≤0.868	3.5	≥0.379	106	82	136	105
4×50	1.0	1.8	28	2148	907	≤0.387	≤0.641	3.5	≥0.355	135	104	167	129
4×70	1.1	2.0	32	2928	1192	≤0.268	≤0.443	3.5	≥0.335	167	129	196	152
4×95	1.1	2.0	37	3854	1598	≤0.193	≤0.320	3.5	≥0.290	200	135	233	180
4×120	1.2	2.3	42	4925	1949	≤0.153	≤0.253	3.5	≥0.282	234	181	267	207
4×150	1.4	2.4	46	6238	2517	≤0.124	≤0.206	3.5	≥0.294	273	211	306	237
4×185	1.6	2.6	51	7560	3091	≤0.0991	≤0.164	3.5	≥0.303	318	246	341	264
4×240	1.7	2.8	57	9836	3825	≤0.0754	≤0.125	3.5	≥0.283	380	294	400	310
4×400	2.0	3.3	74.4	16166	6486	≤0.047	≤0.0778	3.5	≥0.250	640	510	640	510
3×4+1×2.5	0.7	1.8	13	236	147	≤4.61	≤7.41	3.5	≥0.757	27	30	50	40

YJV-0.6/1kV交联电力电缆 YJV-0.6/1kV XLPE insulated power cable

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.C.resistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	绝缘电阻 Insulation resistance 90℃ (MΩ.km)	电缆载流量 Cable current-carrying			
										在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al			Cu	Al	Cu	Al
3×6+1×4	0.7	1.8	14	316	187	≤3.08	≤4.61	3.5	≥0.645	35	40	60	45
3×10+1×6	0.7	1.8	16	461	234	≤1.83	≤3.08	3.5	≥0.523	49	50	80	60
3×16+1×10	0.7	1.8	18	679	322	≤1.15	≤1.91	3.5	≥0.431	67	65	100	80
3×25+1×16	0.9	1.8	22	1065	505	≤0.727	≤1.20	3.5	≥0.444	89	90	130	100
3×35+1×16	0.9	1.8	24	1360	615	≤0.524	≤0.868	3.5	≥0.379	106	110	155	120
3×50+1×25	1.0	1.8	28	1901	816	≤0.387	≤0.641	3.5	≥0.355	135	130	185	140
3×70+1×35	1.1	1.9	31	2585	1085	≤0.268	≤0.443	3.5	≥0.335	167	170	225	175
3×95+1×50	1.1	2.1	36	3518	1440	≤0.193	≤0.320	3.5	≥0.290	200	205	270	210
3×120+1×70	1.2	2.2	40	4443	1766	≤0.153	≤0.253	3.5	≥0.282	234	240	305	235
3×150+1×70	1.4	2.3	44	5326	2100	≤0.124	≤0.206	3.5	≥0.294	273	275	345	265
3×185+1×95	1.6	2.5	48	6682	2650	≤0.0991	≤0.164	3.5	≥0.303	318	320	390	301
3×240+1×120	1.7	2.7	5.	8501	3291	≤0.0754	≤0.125	3.5	≥0.283	380	385	455	355
3×300+1×150	1.8	2.9	61.5	11043	4462	≤0.0601	≤0.1	3.5	≥0.260	555	435	565	445
3×400+1×185	2.0	3.1	69.3	14026	5635	≤0.047	≤0.078	3.5	≥0.250	640	510	640	510

YJLV、YJV-6/6kV交联电力电缆 YJLV、YJV-6/6kV XLPE insulated power cable

表 3
table 3

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.C.resistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
									在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1×25	3.4	1.8	20	598	443	≤0.727	≤1.20	15	165	130	160	120
1×35	3.4	1.8	22	719	502	≤0.524	≤0.868	15	205	155	190	145
1×50	3.4	1.8	23	884	575	≤0.387	≤0.641	15	245	190	225	175
1×70	3.4	1.8	24	1097	644	≤0.268	≤0.443	15	305	235	275	215
1×95	3.4	1.8	26	1378	790	≤0.193	≤0.320	15	370	290	330	255
1×120	3.4	1.8	28	1658	916	≤0.153	≤0.253	15	430	335	375	290
1×150	3.4	1.9	30	1967	1038	≤0.124	≤0.206	15	490	380	425	330
1×185	3.4	1.9	31	2335	1190	≤0.0991	≤0.164	15	560	485	480	370
1×240	3.4	2.0	34	2908	1423	≤0.0754	≤0.125	15	665	515	555	435
1×300	3.4	2.1	36	3507	1650	≤0.0601	≤0.100	15	765	595	630	490
1×400	3.4	202	39	4503	2027	≤0.04070	≤0.0778	15	890	695	725	565
1×500	3.4	2.3	42	5479	2384	≤0.0366	≤0.060	15	1180	910	1150	895
3×25	3.4	2.2	42	895	1430	≤0.727	≤1.20	15	135	105	150	115
3×35	3.4	2.3	44	2293	1640	≤0.524	≤0.868	15	160	130	180	140
3×50	3.4	2.4	46	2812	1881	≤0.387	≤0.641	15	195	155	210	165
3×70	3.4	2.5	50	3508	2205	≤0.268	≤0.443	15	245	190	260	200
3×95	3.4	2.6	54	4402	2653	≤0.193	≤0.320	15	300	235	305	240
3×120	3.4	2.7	58	5319	3087	≤0.153	≤0.253	15	345	270	350	275
3×150	3.4	2.9	62	6309	3518	≤0.124	≤0.206	15	395	310	390	305
3×185	3.4	3.0	65	7319	3877	≤0.0991	≤0.164	15	455	355	445	350
3×240	3.4	3.1	71	9218	4753	≤0.0754	≤0.125	15	540	420	515	405
3×300	3.4	3.3	75	11159	5577	≤0.0601	≤0.1005	15	615	485	580	455
3×400	3.4	3.5	80.4	14.1	6.8	≤0.047	≤0.0778	15	620	495	620	490
3×500	3.4	3.7	86.8	17.3	8.1	≤0.0366	≤0.0601	15	710	569	714	527

YJLV、YJV-6/6kV交联电力电缆 YJLV、YJV-6/6kV XLPE insulated power cable

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.C.resistance of conductor (mm)		实验电压 Testing voltage A.C. (kV/5min)	电缆载流量 Cable current-carrying			
									在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1×25	3.4	1.8	20	598	443	≤0.727	≤1.20	15	165	130	160	120
1×35	3.4	1.8	22	719	502	≤0.524	≤0.868	15	205	155	190	145
1×50	3.4	1.8	23	884	575	≤0.387	≤0.641	15	245	190	225	175
1×70	3.4	1.8	24	1097	644	≤0.268	≤0.443	15	305	235	275	215
1×95	3.4	1.8	26	1378	790	≤0.193	≤0.320	15	370	290	330	255
1×120	3.4	1.8	28	1658	916	≤0.153	≤0.253	15	430	335	375	290
1×150	3.4	1.9	30	1967	1038	≤0.124	≤0.206	15	490	380	425	330
1×185	3.4	1.9	31	2335	1190	≤0.0991	≤0.164	15	560	485	480	370
1×240	3.4	2.0	34	2908	1423	≤0.0754	≤0.125	15	665	515	555	435
1×300	3.4	2.1	36	3507	1650	≤0.0601	≤0.100	15	765	595	630	490
1×400	3.4	202	39	4503	2027	≤0.04070	≤0.0778	15	890	695	725	565
1×500	3.4	2.3	42	5479	2384	≤0.0366	≤0.060	15	1180	910	1150	895
3×25	3.4	2.2	42	895	1430	≤0.727	≤1.20	15	135	105	150	115
3×35	3.4	2.3	44	2293	1640	≤0.524	≤0.868	15	160	130	180	140
3×50	3.4	2.4	46	2812	1881	≤0.387	≤0.641	15	195	155	210	165
3×70	3.4	2.5	50	3508	2205	≤0.268	≤0.443	15	245	190	260	200
3×95	3.4	2.6	54	4402	2653	≤0.193	≤0.320	15	300	235	305	240
3×120	3.4	2.7	58	5319	3087	≤0.153	≤0.253	15	345	270	350	275
3×150	3.4	2.9	62	6309	3518	≤0.124	≤0.206	15	395	310	390	305
3×185	3.4	3.0	65	7319	3877	≤0.0991	≤0.164	15	455	355	445	350
3×240	3.4	3.1	71	9218	4753	≤0.0754	≤0.125	15	540	420	515	405
3×300	3.4	3.3	75	11159	5577	≤0.0601	≤0.1005	15	615	485	580	455
3×400	3.4	3.5	80.4	14.1	6.8	≤0.047	≤0.0778	15	620	495	620	490
3×500	3.4	3.7	86.8	17.3	8.1	≤0.0366	≤0.0601	15	710	569	714	527

YJLV、YJV-8.7/10kV交联电力电缆 YJLV、YJV-8.7/10kV XLPE insulated power cable

表 4
table 4

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.C.resistance of conductor (mm)		实验电压 Testing voltage A.C. (kV/5min)	电缆载流量 Cable current-carrying			
									在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1×25	4.5	1.8	23	680	525	≤0.727	≤1.20	22	165	130	160	120
1×35	4.5	1.8	24	804	587	≤0.524	≤0.868	22	205	155	190	145
1×50	4.5	1.8	25	984	674	≤0.387	≤0.641	22	245	160	225	175
1×70	4.5	1.8	27	1201	768	≤0.268	≤0.443	22	305	200	275	215
1×95	4.5	1.8	29	1490	902	≤0.193	≤0.320	22	370	245	330	255
1×120	4.5	1.9	30	1765	1022	≤0.153	≤0.253	22	430	280	375	290
1×150	4.5	1.9	32	2091	1162	≤0.124	≤0.206	22	490	320	425	330
1×185	4.5	2.0	34	3452	1307	≤0.0991	≤0.164	22	560	365	480	370
1×240	4.5	2.1	36	3034	1548	≤0.0754	≤0.125	22	665	435	555	435
1×300	4.5	2.1	39	3672	1815	≤0.0601	≤0.100	22	765	500	630	490
1×400	4.5	2.2	42	4646	2170	≤0.0470	≤0.0778	22	890	585	725	565
1×500	4.5	2.3	45	5651	2556	≤0.0366	≤0.0605	22	1180	910	1150	895
3×25	4.5	2.4	50	2573	2072	≤0.727	≤1.20	22	140	110	140	110
3×35	4.5	2.5	53	2985	2334	≤0.524	≤0.868	22	170	130	170	130
3×50	4.5	2.6	55	3529	2598	≤0.387	≤0.641	22	205	160	200	155
3×70	4.5	2.7	58	4197	2895	≤0.268	≤0.443	22	255	195	245	190
3×95	4.5	2.8	63	5230	3462	≤0.193	≤0.320	22	310	235	290	225
3×120	4.5	2.9	66	6120	3888	≤0.153	≤0.253	22	350	275	330	255
3×150	4.5	3.0	70	7207	4416	≤0.124	≤0.206	22	400	310	370	285
3×185	4.5	3.1	74	8378	4935	≤0.0991	≤0.164	22	455	355	420	325
3×240	4.5	3.3	79	10177	5712	≤0.0754	≤0.125	22	530	415	480	380
3×300	4.5	3.4	84	12159	6577	≤0.0601	≤0.100	22	605	475	545	430

YJLV、YJV-12/20kV交联电力电缆 YJLV、YJV-12/20kV XLPE insulated power cable

表 5
table 5

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
									在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1×35	5.5	1.8	27	979	762	≤0.524	≤0.868	30	205	155	190	145
1×50	5.5	1.8	29	1155	746	≤0.387	≤0.641	30	245	190	225	175
1×70	5.5	1.9	30	1393	959	≤0.268	≤0.443	30	305	235	275	215
1×95	5.5	1.9	32	1681	1093	≤0.193	≤0.320	30	370	290	330	255
1×120	5.5	2.0	34	1979	1236	≤0.153	≤0.253	30	430	335	375	290
1×150	5.5	2.0	35	2301	1373	≤0.124	≤0.206	30	490	380	425	330
1×185	5.5	2.1	38	2718	1573	≤0.0991	≤0.164	30	560	435	480	370
1×240	5.5	2.1	40	3302	1817	≤0.0754	≤0.125	30	665	515	555	435
1×300	5.5	2.2	43	3941	2084	≤0.0601	≤0.100	30	765	595	630	490
1×400	5.5	2.3	45	4931	2455	≤0.0470	≤0.0778	30	890	695	725	565
1×500	5.5	2.4	48	5956	2861	≤0.0366	≤0.0605	30	1160	890	114	885
3×35	5.5	2.6	57	3348	2696	≤0.524	≤0.868	30	175	130	170	130
3×50	5.5	2.7	60	3904	2973	≤0.387	≤0.641	30	205	160	200	155
3×70	5.5	2.8	63	4626	3321	≤0.268	≤0.443	30	255	195	240	190
3×95	5.5	3.2	67	5593	3825	≤0.193	≤0.320	3030	310	240	290	225
3×120	5.5	3.1	71	6495	4262	≤0.153	≤0.253	30	350	275	330	285
3×150	5.5	3.2	74	7637	4846	≤0.124	≤0.206	30	400	310	370	325
3×185	5.5	3.3	78	8803	5361	≤0.0991	≤0.164	30	455	355	415	380
3×240	5.5	3.4	84	10729	6263	≤0.0751	≤0.125	30	535	420	480	430
3×300	5.5	3.6	89	12723	7141	≤0.0601	≤0.100	30	610	475	5450	490

YJLV、YJV-21/35kV交联电力电缆 YJLV、YJV-21/35kV XLPE insulated power cable

表 6
table 6

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
									在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
				Cu	Al	Cu	Al		Cu	Al	Cu	Al
1×50	9.3	2.1	37	1609	1360	≤0.387	≤0.641	53	275	190	285	175
1×70	9.3	2.1	38	1850	1417	≤0.268	≤0.443	53	340	235	350	215
1×95	9.3	2.2	40	2193	1605	≤0.193	≤0.320	53	415	285	420	255
1×120	9.3	2.2	42	2498	1756	≤0.153	≤0.253	53	475	330	480	290
1×150	9.3	2.3	44	2830	1910	≤0.124	≤0.206	53	540	375	540	325
1×185	9.3	2.3	45	3248	2101	≤0.0991	≤0.164	53	620	430	620	370
1×240	9.3	2.4	48	3881	2395	≤0.0754	≤0.125	53	730	505	725	430
1×300	9.3	2.5	50	4529	2672	≤0.0601	≤0.100	53	840	580	830	490
1×400	9.3	2.6	53	5570	3094	≤0.0470	≤0.0778	53	995	680	970	565
1×500	9.3	2.6	55	6690	3595	≤0.0366	≤0.0605	53	1160	790	1130	645
1×50	10.5	2.2	39	1758	1449	≤0.387	≤0.641	65	245	190	225	175
1×70	10.5	2.2	41	2038	1604	≤0.268	≤0.443	65	305	235	275	215
1×95	10.5	2.3	43	2355	1767	≤0.193	≤0.320	65	370	285	330	255
1×120	10.5	2.3	44	2666	1923	≤0.153	≤0.253	65	425	330	375	290
1×150	10.5	2.4	46	3031	2103	≤0.124	≤0.206	65	485	375	420	315
1×185	10.5	2.4	48	3427	2282	≤0.0991	≤0.164	65	555	430	475	370
1×240	10.5	2.5	50	4070	2584	≤0.0754	≤0.125	65	650	505	555	430
1×300	10.5	2.6	53	4748	2891	≤0.0661	≤0.100	65	745	580	630	492
1×400	10.5	2.7	56	5801	3325	≤0.0470	≤0.0778	65	870	680	720	565
1×500	10.5	2.8	59	6623	4076	≤0.0366	≤0.0605	65	1000	790	825	645
3×50	10.5	3.5	81	6728	5778	≤0.387	≤0.641	65	189	152	168	144
3×70	10.5	3.6	84	7581	6232	≤0.268	≤0.443	65	244	189	223	177
3×95	10.5	3.7	88	8630	6824	≤0.193	≤0.320	65	295	225	270	200
3×120	10.5	3.8	93	9688	7406	≤0.153	≤0.253	65	331	258	307	237
3×150	10.5	3.9	96	11017	8165	≤0.124	≤0.206	65	377	290	344	265
3×185	10.5	4.0	100	12390	8904	≤0.0991	≤0.164	65	-	-	-	-
3×240	10.5	4.2	105	14427	9863	≤0.0754	≤0.125	65	-	-	-	-

YJLV22、YJV22-0.6/1kV钢带铠装交联电力电缆 YJLV22、YJV22-0.6/1kV Steel strip armoured XLPE insulated power cable

表 7
table 7

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A.C. (kV/5min)	绝缘电阻 Insuiation resistance 90℃ (MΩ km)	电缆载流量 Cable current-carrying			
												在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
						Cu	Al	Cu	Al			Cu	Al	Cu	Al
3×1.5	0.7	1.8	2×0.3	1.5	13	273	-	≤12.1	-	3.5	≥1.10	15	-	22	-
3×2.5	0.7	1.8	2×0.3	1.5	14	321	275	≤7.41	≤12.1	3.5	≥0.916	19	15	29	23
3×4	0.7	1.8	2×0.3	1.5	15	390	315	≤4.61	≤7.41	3.5	≥0.757	26	20	38	30
3×6	0.7	1.8	2×0.3	1.5	16	471	360	≤3.08	≤4.61	3.5	≥0.645	32	26	47	39
3×10	0.7	1.8	2×0.3	1.5	18	622	433	≤1.83	≤3.08	3.5	≥0.523	46	35	65	50
3×16	0.7	1.8	2×0.5	2.0	22	1005	705	≤1.18	≤1.91	3.5	≥0.431	60	47	84	65
3×25	0.9	1.8	2×0.5	2.0	25	1371	898	≤0.727	≤1.20	3.5	≥0.444	77	60	110	84
3×35	0.9	1.8	2×0.5	2.0	27	1724	1061	≤0.524	≤0.868	3.5	≥0.379	95	74	130	100
3×50	1.0	1.8	2×0.5	2.0	30	2247	1300	≤0.387	≤0.641	3.5	≥0.355	115	90	155	120
3×70	1.1	2.0	2×0.5	2.5	35	3023	1697	≤0.268	≤0.443	3.5	≥0.335	145	115	195	150
3×95	1.1	2.1	2×0.5	2.5	39	3825	2026	≤0.193	≤0.320	3.5	≥0.290	185	140	230	185
3×120	1.2	2.3	2×0.5	2.5	42	4642	2370	≤0.153	≤0.253	3.5	≥0.282	211	165	260	205
3×150	1.4	2.4	2×0.5	3.0	48	5767	2926	≤0.124	≤0.206	3.5	≥0.294	245	191	300	230
3×185	1.6	2.6	2×0.5	3.0	51	6895	3391	≤0.0991	≤0.164	3.5	≥0.303	280	215	335	260
3×240	1.7	2.7	2×0.5	3.0	56	8617	4072	≤0.754	≤0.125	3.5	≥0.283	335	260	390	300
4×4	0.7	1.8	2×0.3	1.5	16	454	354	≤0.461	≤7.41	3.5	≥757	26	20	38	30
4×6	0.7	1.8	2×0.3	1.5	17	557	409	≤3.08	≤4.61	3.5	≥0.645	32	26	47	39
4×10	0.7	1.8	2×0.3	2.0	20	791	539	≤1.83	≤3.08	3.5	≥0.523	46	35	65	50
4×16	0.7	1.8	2×0.5	2.0	23	1210	810	≤1.15	≤1.91	3.5	≥0.431	60	47	84	65
4×25	0.9	1.8	2×0.5	2.0	27	1672	1041	≤0.727	≤1.20	3.5	≥0.444	77	60	110	84
4×35	0.9	1.8	2×0.5	2.0	29	2127	1243	≤0.524	≤0.868	3.5	≥0.379	95	74	130	100
4×50	1.0	1.9	2×0.5	2.0	33	2802	1539	≤0.387	≤0.641	3.5	≥0.355	115	90	155	120
4×70	1.1	2.1	2×0.5	2.5	28	3785	2017	≤0.268	≤0.443	3.5	≥0.335	145	115	195	150
4×95	1.1	2.3	2×0.5	2.5	42	4829	2430	≤0.193	≤0.320	3.5	≥0.290	185	140	230	185
4×120	1.2	2.4	2×0.5	3.0	47	6033	3003	≤0.153	≤0.253	3.5	≥0.282	211	165	260	205
4×150	1.4	2.6	2×0.5	3.0	52	7356	3568	≤0.124	≤0.206	3.5	≥0.294	245	191	300	230
4×185	1.6	2.7	2×0.5	3.0	56	8808	4134	≤0.0991	≤0.164	3.5	≥0.303	280	215	335	260
4×240	1.7	2.9	2×0.5	3.0	62	11182	5122	≤0.754	≤0.125	3.5	≥0.283	335	260	390	300

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D.Cresistance of conductor (mm)		实验电压 Testing voltage A.C. (kV/5min)	绝缘电阻 Insulation resistance 90℃ (MΩ km)	电缆载流量 Cable current-carrying			
												在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
						Cu	Al	Cu	Al			Cu	Al	Cu	Al
3×4+1×2.5	0.7	1.8	2×0.3	1.5	16	443	336	≤4.61	≤7.41	3.5	≥0.757	26	20	38	30
3×6+1×4	0.7	1.8	2×0.3	1.5	17	531	402	≤3.08	≤4.61	3.5	≥0.645	32	26	47	39
3×10+1×6	0.7	1.8	2×0.3	2.0	20	741	521	≤1.83	≤3.08	3.5	≥0.523	46	35	65	50
3×16+1×10	0.7	1.8	2×0.5	2.0	23	1135	785	≤1.15	≤1.91	3.5	≥0.431	60	47	84	65
3×25+1×16	0.9	1.8	2×0.5	2.0	26	1556	1004	≤0.727	≤1.20	3.5	≥0.444	77	60	110	84
3×35+1×16	0.9	1.8	2×0.5	2.0	28	1896	1132	≤0.524	≤0.868	3.5	≥0.379	95	74	130	100
3×50+1×25	1.0	1.9	2×0.5	2.0	31	2518	1412	≤0.387	≤0.641	3.5	≥0.355	115	90	155	120
3×70+1×35	1.1	2.0	2×0.5	2.5	36	3293	1846	≤0.268	≤0.443	3.5	≥0.335	145	115	195	150
3×95+1×50	1.1	2.2	2×0.5	2.5	40	4349	2250	≤0.193	≤0.320	3.5	≥0.290	185	140	230	185
3×120+1×70	1.2	2.3	2×0.5	2.5	44	5365	2714	≤0.153	≤0.253	3.5	≥0.282	211	165	260	205
3×150+1×70	1.4	2.5	2×0.5	3.0	49	6468	3154	≤0.124	≤0.206	3.5	≥0.294	245	191	300	230
3×185+1×95	1.6	2.6	2×0.5	3.0	52	7854	3756	≤0.0991	≤0.164	3.5	≥0.303	280	215	335	260
3×240+1×120	1.7	2.8	2×0.5	3.5	78	9814	4512	≤0.754	≤0.125	3.5	≥0.283	335	260	390	300

YJLV22、YJV22、6/6kV、6/10kV交联电力电缆 YJLV22、YJV22、6/6kV、6/10kV XLPE insulated power cable

表 8
table 8

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D. Resistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
											在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
3×25	3.4	1.3	2×0.5	2.4	47	3010	2554	≤0.727	≤1.20	15	135	105	140	110
3×35	3.4	1.3	2×0.5	2.5	50	3498	2847	≤0.524	≤0.868	15	160	130	165	130
3×50	3.4	1.4	2×0.5	2.6	53	4135	3205	≤0.387	≤0.641	15	195	155	195	150
3×70	3.4	1.5	2×0.5	2.7	56	4958	3655	≤0.268	≤0.443	15	245	190	240	185
3×95	3.4	1.5	2×0.5	2.8	61	5974	4206	≤0.193	≤0.320	15	300	235	290	225
3×120	3.4	1.6	2×0.5	2.9	64	6969	4736	≤0.153	≤0.253	15	345	270	330	255
3×150	3.4	1.6	2×0.5	3.0	69	8161	5370	≤0.124	≤0.206	15	395	305	365	285
3×185	3.4	1.7	2×0.5	3.1	72	9417	5975	≤0.0991	≤0.164	15	455	350	415	320
3×240	3.4	1.8	2×0.5	3.3	78	11340	6874	≤0.754	≤0.125	15	540	410	480	375
3×300	3.4	1.9	2×0.8	3.5	84	14247	8665	≤0.0601	≤0.100	15	615	470	540	425

YJLV22、YJV22-8.7/10kV8.7/15kV交联电力电缆 YJLV22、YJV22-8.7/10kV8.7/15kV XLPE insulated power cable

表 9
table 9

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D. Resistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
											在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
3×25	4.5	1.4	2×0.5	2.5	53	3500	3035	≤0.727	≤1.20	22	140	110	140	110
3×35	4.5	1.4	2×0.5	2.6	55	3980	3329	≤0.524	≤0.868	22	170	135	165	130
3×50	4.5	1.5	2×0.5	2.7	58	4679	3748	≤0.387	≤0.641	22	200	155	195	150
3×70	4.5	1.6	2×0.5	2.8	61	5410	4107	≤0.268	≤0.443	22	250	190	240	185
3×95	4.5	1.6	2×0.5	3.0	66	6567	4799	≤0.193	≤0.320	22	305	235	290	225
3×120	4.5	1.7	2×0.5	3.1	70	7541	5308	≤0.153	≤0.253	22	350	270	330	255
3×150	4.5	1.7	2×0.5	3.2	73	8674	5883	≤0.124	≤0.206	22	395	305	365	285
3×185	4.5	1.8	2×0.5	3.3	77	9991	6549	≤0.0991	≤0.164	22	450	350	415	320
3×240	4.5	1.9	2×0.8	3.5	84	11887	8421	≤0.754	≤0.125	22	525	410	480	375
3×300	4.5	2.0	2×0.8	3.7	89	14974	9392	≤0.0601	≤0.100	22	595	470	540	425

YJLV22、YJV22-12/20kV交联电力电缆 YJLV22、YJV22-12/20kV XLPE insulated power cable

表 10
table 10

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D. Resistance of conductor (mm)		实验电压 Testing voltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
											在空气中 In air (A)		直埋土壤中 Direct in soil (A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
3×35	5.5	1.5	2×0.5	2.8	63	4840	4189	≤0.524	≤0.868	30	175	135	165	130
3×50	5.5	1.6	2×0.5	2.9	66	5463	4532	≤0.387	≤0.641	30	205	160	195	150
3×70	5.5	1.6	2×0.5	3.0	69	6346	5044	≤0.268	≤0.443	30	255	200	240	185
3×95	5.5	1.7	2×0.5	3.1	74	7457	5689	≤0.193	≤0.320	30	310	240	260	225
3×120	5.5	1.8	2×0.5	3.2	77	8459	6227	≤0.153	≤0.253	30	350	275	330	255
3×150	5.5	1.8	2×0.8	3.3	82	10555	7764	≤0.124	≤0.206	30	395	310	365	285
3×185	5.5	1.9	2×0.8	3.5	86	11925	8483	≤0.0991	≤0.164	30	450	355	415	320
3×240	5.5	2.0	2×0.8	3.7	92	13959	9494	≤0.754	≤0.125	30	525	415	430	375
3×300	5.5	2.1	2×0.8	3.8	97	16314	10731	≤0.0601	≤0.100	30	595	470	540	420

YJLV22、YJV22-26/35kV交联电力电缆 YJLV22、YJV22-26/35kV XLPE insulated power cable

表 11
table 11

导线标称截面 Nominal-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	内护套厚度 Inner Sheath thickness (mm)	钢带厚度 Steel tape thickness (mm)	护套厚度 Sheath thickness (mm)	电缆近似外径 Approx. ov erall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (mm)		导线直流电阻 D. Cresistance of conductor (mm)		实验电压 Testingvoltage A. C. (kV/5min)	电缆载流量 Cable current-carrying			
											在空气中In air (A)		直埋土壤中Direct in soil (A)	
						Cu	Al	Cu	Al		Cu	Al	Cu	Al
3×50	10.5	2.0	0.8	3.7	87	9975	9025	≤0.387	≤0.641	65	193	152	181	140
3×70	10.5	2.0	0.8	3.8	90	10927	9597	≤0.268	≤0.443	65	239	189	223	172
3×95	10.5	2.0	0.8	4.0	95	12190	10384	≤0.193	≤0.320	65	290	225	270	209
3×120	10.5	2.2	0.8	4.1	99	13451	11169	≤0.153	≤0.253	65	331	258	307	237
3×150	10.5	2.3	0.8	4.2	100	14907	12055	≤0.124	≤0.206	65	373	290	339	265
3×185	10.5	2.3	0.8	4.3	106	16501	12947	≤0.0991	≤0.164	65	-	-	-	-
3×240	10.5	2.4	0.8	4.5	112	18826	14262	≤0.754	≤0.125	65	-	-	-	-

低烟无（低）卤阻燃、耐火电线电缆

LOW-SMOKE NO(OW)-HALOGEN FLAME RETARDATORY FIRE RESISTANCE WIREZ&CABLE

一、产品简介 Brief product introduction

低烟无（低）卤电线电缆在火焰燃烧情况下产生极少量烟雾，释放的气体不含卤（低卤）元素，无毒（低毒）。当火灾发生时，可大大减少对低度器、设备和人体的危害，因而被广泛应用于高层建筑、医院、大型图书馆、体育馆、防灾指挥调高楼、车站和民用机场、旅客候车室、重点文物保护单位以及地铁、地下商场或人口密集的公共场所。

本公司开发生产的额定电压35KV及以下塑料绝缘电缆电线，其使用性能不仅符合GB/T12706-2008、GB/T5023-2008和GB9330-88、DGJ08-93-2002规定要求，并且已形成系列，即阻燃型、耐火型，特别是低烟无卤（低卤）性能符合国家标准GR/T17652-1～21998、GB/17651.1～2-1998，经国家一级科技鉴定，该类产品达到同类产品的国内先进水平。

Low smoke (low) halogen-free cables and wires produce very small amount of smoke in the case of flame combustion. The released gas contains no halogen (low halogen) elements and is non-toxic (low toxicity). When a fire occurs, it can greatly reduce the hazards to low-altitude devices, equipment and human body. Therefore, it is widely used in high-rise buildings, hospitals, large libraries, gymnasiums, Disaster Prevention Command and control buildings, stations and civil airports, passenger waiting rooms, key cultural relics protection sites and subway, underground shopping malls or densely populated public places.

Our company develops and produces plastic insulated cables and wires with rated voltage of 35KV and below. Their performance not only meets the requirements of GB/T12706-2008, GB/T5023-2008 and GB9330-88, DGJ08-93-2002, but also forms a series of flame-retardant and fire-resistant types, especially low smoke and halogen-free (low halogen) performances, which meet the national standards GR/T17652-1-21998, GB/17651.1-2-1998, and has been certified by national first-level science and technology. Certainly, this kind of product has reached the domestic advanced level of similar products.

二、产品的型号、名称见表 The type and its specitication see Table

型 号 Model	名 称 Name	阻燃级别 Flame ratardancy grade
DDZ-VV DDZ-VLY DDZ-VY DDZ-VLY	低烟低卤聚氯乙烯绝缘低烟低卤聚氯乙烯/聚乙烯护套阻燃电力电缆 Low-smoke low-halogen PVCinsulated low-smoke low-halogen PVC/polyethylene sheathed fiam-retardancy power cables	A、B、C
DDZ-VV22 DDZ-VLV22 DDZ-VV23 DDZ-VLV23	低烟低卤聚氯乙烯绝缘钢带铠装低烟低卤聚氯乙烯/聚乙烯护套阻燃电力电缆 Low-smoke low-halogen PVCinsulated steel tape amored low-smoke low-halogen PVC/polyethylene sheathed flame-retardancy power cables	
DDZ-VV32 DDZ-VLV32 DDZ-VV33 DDZ-VLV33 DDZ-VV42 DDZ-VLV42 DDZ-VV43 DDZ-VLV43	低烟低卤聚氯乙烯绝缘钢丝铠装低烟低卤聚氯乙烯/聚乙烯护套阻燃电力电缆 Low-smoke low-halogen PVCinsulated steel thread amored low-smoke low-halogen PVC/polyethylene sheathed flame-retardancy power cables	
DDZ-YJ (F) V DDZ-YJ (F) LV	(硅烷) (辐照) 交联聚氯乙烯绝缘低烟低卤聚氯乙烯护套阻燃电力电缆 (Irradiated) XLPE insulated low-smoke low-halogen PVCsheathed flame-retardancy power cabkes	A、B、C

型 号 Model	名 称 Name	阻燃级别 Flame ratardancy grade
DDZ-YJ (F) V22 DDZ-YJ (F) LV22	(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟低卤聚氯乙烯护套阻燃电力电缆 (Irradiated) XLPE insulated steel tape armored low-smoke low-halogen PVC sheathed flame-retardancy power cabkes	A、B、C
DDZ-YJ (F) V32 DDZ-YJ (F) LV32 DDZ-YJ (F) V42 DDZ-YJ (F) LV42	(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝铠装低烟低卤聚氯乙烯护套阻燃电力电缆 (Irradiated) XLPE insulated steel thread low-smoke low-halogen PVC sheathed flame-retardancy power cabkes	
DDZ-KVV DDZ-KYJ (F) V	低烟低卤聚氯乙烯/(硅烷) (辐照) 交联聚氯乙烯绝缘低卤聚氯乙烯护套阻燃控制电缆 Low-smoke low-halogen PVC/(Irradiated) XLPE insulated low-smoke Low-halogen PVC sheathed flame-retardancy cabkes	
DDZ-KVV22 DDZ-KYJ (F) V22	低烟低卤聚氯乙烯/(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟低卤聚氯乙烯护套阻燃控制电缆 Low-smoke low-halogen PVC/(Irradiated) XLPE insulated steel tape armored low-smoke Low-halogen PVC sheathed flame-retardancy control cabkes	
DDZ-KYJ (F) VP	低烟低卤聚氯乙烯/(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝纺织屏蔽低烟低卤聚氯乙烯护套阻燃控制电缆 Low-smoke low-halogen PVC/(Irradiated) XLPE insulated copper thread mesh screened low-smoke Low-halogen PVC sheathed flame-retardancy control cabkes	
DDZ-KVVP2 DDZ-KYJ (F) VP2	低烟低卤聚氯乙烯/(硅烷) (辐照) 交联聚氯乙烯绝缘钢带屏蔽低烟低卤聚氯乙烯护套阻燃控制电缆 Low-smoke low-halogen PVC/(Irradiated) XLPE insulated insulated steel tape screened low-smoke Low-halogen PVC sheathed flame-retardancy control cabkes	B、C、D
DDZ-KVV32 DDZ-KYJ (F) V32	低烟低卤聚氯乙烯/(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝铠装低烟低卤聚氯乙烯护套阻燃控制电缆 Low-smoke low-halogen PVC/(Irradiated) XLPE insulated steel tape low-smoke Low-halogen PVC sheathed flame-retardancy control cabkes	
DDZ-BV DDZ-BLV	低烟低卤聚氯乙烯绝缘阻燃电线 Low-smoke low-halogen PVC insulated flame-retardancy electric wire	
DDZ-BVV DDZ-BLVV	低烟低卤聚氯乙烯绝缘和护套阻燃电线 Low-smoke low-halogen PVC insulated sheathed flame-retardancy electric wire	

型 号 Model	名 称 Name	阻燃级别 Flame ratardancy grade
LDDZ-BVR	低烟低卤聚氯乙烯绝缘阻燃软电线 Low-smoke low-halogen PVC insulated flame-retardancy flexible electric wire	B、C、D
WDZ-YJ (F) E WDZ-YJ (F) LE WDZ-YJ (F) Y WDZ-YJ (F) LY	(硅烷) (辐照) 交联聚氯乙烯绝缘低烟无卤阻燃聚烯烃护套电力电缆 (Irradiated)XLPE insulated low-smoke free-halogen flame-retardancy polyolefin sheathed power cables	A、B、C
WDZ-YJ (F) E23 WDZ-YJ (F) LE23 WDZ-YJ (F) Y23 WDZ-YJ (F) LY23	(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟无卤阻燃聚烯烃护套电力电缆 (Irradiated)XLPE insulated steel tape armored low-smoke free-halogen flame-retardancy polyolefin sheathed power cables	
WDZ-YJ (F) E33 WDZ-YJ (F) LE33 WDZ-YJ (F) Y33 WDZ-YJ (F) LY33 WDZ-YJ (F) E43 WDZ-YJ (F) LE43 WDZ-YJ (F) Y43 WDZ-YJ (F) LY43	(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝铠装低烟无卤阻燃聚烯烃护套电力电缆 (Irradiated)XLPE insulated steel thread armored low-smoke free-halogen flame-retardancy polyolefin sheathed power cables	
WDZ-YJ (F) E33 WDZ-YJ (F) LE33 WDZ-YJ (F) Y33 WDZ-YJ (F) LY33 WDZ-YJ (F) E43 WDZ-YJ (F) LE43 WDZ-YJ (F) Y43 WDZ-YJ (F) LY43	(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝铠装低烟无卤阻燃聚烯烃护套电力电缆 (Irradiated)XLPE insulated steel thread armored low-smoke free-halogen flame-retardancy polyolefin sheathed power cables	
WDZ-KYJ (F) E WDZ-KYJ (F) Y	(硅烷) (辐照) 交联聚氯乙烯绝缘低烟无卤阻燃聚烯烃护套控制电缆 (Irradiated)XLPE insulated low-smoke free-halogen flame-retardancy polyolefin sheathed control cables	A、B、C
WDZ-KYJ (F) E23 WDZ-KYJ (F) Y23	(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟低卤阻燃聚烯烃护套控制电缆 (Irradiated)XLPE insulated steel tape armored low-smoke free-halogen flame-retardancy polyolefin sheathed control cables	
WDZ-KYJ (F) EP WDZ-KYJ (F) YP	(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝编织屏蔽低烟低卤阻燃聚烯烃护套控制电缆 (Irradiated)XLPE insulated copper thread mesh screened low-smoke free-halogen flame-retardancy polyolefin sheathed control cables	
WDZ-KYJ (F) EP2 WDZ-KYJ (F) YP2	(硅烷) (辐照) 交联聚氯乙烯绝缘钢带屏蔽低烟无卤阻燃聚烯烃护套控制电缆 (Irradiated)XLPE insulated copper tape screened low-smoke free-halogen flame-retardancy polyolefin sheathed control cables	

型 号 Model	名 称 Name	阻燃级别 Flame ratardancy grade
WDZ-KYJ (F) E33 WDZ-KYJ (F) Y33	(硅烷) (辐照) 交联聚氯乙烯绝缘铜丝铠装低烟无卤阻燃聚烯烃护套控制电缆 (Irradiated)XLPE insulated steel thread armored low-smoke free-halogen flame-retardancy polyolefin sheathed control cables	B、C、D
WDZ-BYJ (F) WDZ-BLYJ (F) WDZ-BY WDZ-BLY	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated electric wires	
WDZ-BYJ (F) E WDZ-BLYJ (F) E WDZ-BYE WDZ-BLYE	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘低烟无卤阻燃聚烯烃护套电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated low-smoke free-halogen flame-retardancy polyolefin sheathed electric wires	
WDZ-BYJ (F) R WDZ-BYR	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘软电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated flexible electric wires	
WDZN-YJ (F) E WDZN-YJ (F) Y	铜芯(硅烷) (辐照) 交联聚氯乙烯绝缘低烟无卤阻燃聚烯烃护套耐火电力电缆 Copper core(Irradiated)XLPE insulated armored low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance power cables	A、B、C
WDZN-YJ (F) E23 WDZN-YJ (F) Y23	铜芯(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟无卤阻燃聚烯烃护套耐火电力电缆 Copper core(Irradiated)XLPE insulated steel thread armored low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance power cables	
WDZN-YJ (F) E33 WDZN-YJ (F) Y33 WDZN-YJ (F) E43 WDZN-YJ (F) Y43	铜芯(硅烷) (辐照) 交联聚氯乙烯绝缘钢丝铠装低烟无卤阻燃聚烯烃护套耐火电力电缆 Copper core(Irradiated)XLPE insulated steel thread armored low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance power cables	A、B、C
WDZN-KYJ (F) E WDZN-KYJ (F) Y	(硅烷) (辐照) 交联聚氯乙烯绝缘低烟无卤阻燃聚烯烃护套耐火控制电缆 (Irradiated)XLPE insulated low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance control cables	
WDZN-KYJ (F) E23 WDZN-KYJ (F) Y23	(硅烷) (辐照) 交联聚氯乙烯绝缘钢带铠装低烟无卤阻燃聚烯烃护套耐火控制电缆 (Irradiated)XLPE insulated low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance control cables	

型 号 Model	名 称 Name	阻燃级别 Flame ratardancy grade
WDZN-KYJ (F) EP WDZN-KYJ (F) YP	(硅烷) (辐照) 交联聚乙烯绝缘铜丝编织屏蔽低烟无卤阻燃聚烯烃护套耐火控制电缆 (Irradiated)XLPE insulated copper thread mesh screened low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance control cables	A、B、C
WDZN-KYJ (F) EP2 WDZN-KYJ (F) YP2	(硅烷) (辐照) 交联聚乙烯绝缘铜带屏蔽低烟无卤阻燃聚烯烃护套耐火控制电缆 (Irradiated)XLPE insulated copper tape screened low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance control cables	
WDZN-KYJ (F) EP33 WDZN-KYJ (F) YP33	(硅烷) (辐照) 交联聚乙烯绝缘铜丝铠装低烟无卤阻燃聚烯烃护套耐火控制电缆 (Irradiated)XLPE insulated steel thread low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance control cables	
WDZN-BYJ (F) WDZN-BY	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘耐火电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance electric wires	B、C、D
WDZN-BYJ (F) E WDZN-BYE	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘低烟无卤阻燃聚烯烃护套耐火电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance electric wires	
WDZN-RYJ (F) R WDZN-BYR	(硅烷) (辐照) 交联型/非交联型低烟无卤阻燃聚烯烃绝缘低烟无卤阻燃聚烯烃耐火软电线 (Irradiated)cross-linked type/non-cross-linked type low-smoke free-halogen flame-retardancy polyolefin insulated low-smoke free-halogen flame-retardancy polyolefin sheathed fire resistance flexible electric wires	

三、产品使用场所的分级及选用 Grade and choose for the using location

1. 低烟无（低）卤使用场所应根据建筑物的使用性质、火灾危险性、疏散和扑救难度等分为特级、一级、二级、、三级。

2. 低烟无（低）卤电线电缆成束敷设时，应采用阻燃电线电缆，阻燃级别选择应符合表2、表3，在外部火势作用下，需保持线路完整性、维持通电的场所，其线路应采用耐火电线电缆。
1. Low smoke and no (low) halogen use places should be classified as Grade 1, Grade 2, Grade 3 according to the use nature of buildings, fire risk, evacuation and rescue difficulty.

2. Flame-retardant wires and cables should be used when low smoke (low) halogen-free wires and cables are bound.The selection of flame-retardant grade should be in accordance with Table 2 and Table 3. Under the action of external fire, fire-resistant wires and cables should be used to maintain the integrity of the lines and maintain the power supply.

表2 电线的阻燃级别选择

Table 2 the grade choice to the flame-retardancy property of electrical wires

适用场所 Applicable place	电线截面 Section area	阻燃级别 Flame retardancy grade
特级 Special class	50mm²及以上 50mm²and above	B级 B class
	35mm²及以上 35mm²and above	C级 C class
一级 First class	50mm²及以上 50mm²and above	C级 C class
	35mm²及以上 35mm²and above	D级 D class
二级、三级 Second class third class	所有截面 All area	D级 D class

表3 电缆的阻燃级别选择

Table 3 the grade choice to the flame-retardancy property of cables

适用场所 Applicable place	阻燃级别 Flame retardancy grade
特级 Special class	A级 A class
一级 First class	B级 B class
二级、三级 Second class third class	C级 C class

聚氯乙烯绝缘电缆（JB8734-2012）

PVC insulated wire(JB8734-2012)

一、用途 Usage

本产品适用于交流额定电压450/750V及以下的动力装置的固定敷设。
This product is fit for ac rated voltage 450/750V.

二、工作温度

BV-105型不超过105℃，其他不超过70℃，敷设温度不超过0℃。
BV-105 Model not more than 105℃。other not more than 70℃ installation temperature not lower than 0℃.

三、型号、名称（见表1） Model and name: (see table 1)

表1
table1

型 号 Model	名 称 Name
BV	铜芯聚氯乙烯绝缘电缆 Copper core PVC insulation power line
BLV	铝芯聚氯乙烯绝缘电缆 Aluminium core PVC insulation power line
BVR	铜芯聚氯乙烯绝缘软电缆 Copper core PVC insulation flexible power line
BVV	铜芯聚氯乙烯绝缘聚氯乙烯护套圆形电线 Copper core PVC insulation PVC sheath parallel power line
BVVB	铜芯聚氯乙烯绝缘聚氯乙烯护套平行电线 Copper core PVC insulation PVC sheath parallel power line
BLVVB	铝芯聚氯乙烯绝缘聚氯乙烯护套平行电线 Aluminium core PVC insulation PVC sheath paralled power line
BV-105	铜芯耐热105℃聚氯乙烯绝缘电缆 Copper core heat-resistance 105℃ PVC insulation power line

四、规格尺寸及技术参数(见表2-6)Specification, size and technological parameter(see table 2-6)

BV 300/500V

表2
table2

标称截面 Nominal section (mm ²)	线芯结构根数/线径 Number/diameter of core (mm)	最大外径 Maximum outer diameter (mm)	参考重量 Reference weight (kg/km)	20℃导体电阻≤（Ω/km） Conductor resistance at 20℃ ≤（Ω/km）
0.5	1/0.80	2.4	8.5	36.0
0.75(A)	1/0.97	2.6	11.1	24.5
0.75(B)	7/0.37	2.8	12.0	24.5
1.0(A)	1/1.13	2.8	13.9	18.1
1.0(B)	7/0.43	3.0	15.0	18.1

BV BLV (BV-105) 450/750V

表3
table3

标称截面 Nominal section (mm ²)	线芯结构根数/线径 Number/diameter of core (mm)	最大外径 Maximum outer diameter (mm)	参考重量 Reference weight (kg/km)		20℃导体电阻≤（Ω/km） Conductor resistance at 20℃ ≤（Ω/km）	
			铜 copper	铝 aluminum	铝 aluminum	铜 copper
1.5(A)	1/1.38	3.3	20.3	-	-	12.1
1.5(B)	7/0.52	3.5	21.6	-	-	12.1
2.5(A)	1/1.78	3.9	31.6	17	11.8	7.41
2.5(B)	7/0.68	4.2	34.8	-	-	7.41
4(A)	1/2.55	4.4	47.1	22	7.39	4.61
4(B)	7/0.85	4.8	50.3	-	-	-
6(A)	7/2.78	4.8	50.3	29	4.91	3.08
6(B)	7/1.04	5.4	71.2	-	-	3.08
10	7/1.35	7.0	119	62	3.08	1.83
16	7/1.70	8.0	179	78	1.91	1.15
25	7/2.14	10.0	281	118	1.20	0.727
35	7/2.52	11.5	381	156	0.868	0.524
50	19/1.78	13.0	521	215	0.641	0.387
70	19/2.14	15.0	734	282	0.443	0.268
95	19/25.2	17.5	962	385	0.320	0.193
120	37/2.03	19.0	1180	431	0.253	0.153
150	37/2.25	21.0	1470	539	0.206	0.124
185	37/2.52	23.5	1810	666	0.164	0.0991
240	61/2.25	26.5	2350	857	0.125	0.0754
300	61/2.52	29.5	2930	1070	0.100	0.0601
400	61/2.85	33.0	3870	1390	0.0778	0.0470

BVVB、BLVVB300/500V

表4
table4

标称截面 Nominal section (mm ²)	线芯结构根数/线径 Number/diameter of core (mm)	最大外径 Maximum outer diameter (mm)		参考重量 Reference weight (kg/km)		20℃导体电阻≤ (Ω/km) Conductor resistance at 20℃ ≤ (Ω/km)	
		铝 aluminum	铜 copper	铜 copper	铝 aluminum	铝 aluminum	铜 copper
2×0.75	2×1/0.97	-	4.6×7.0	43.7	24.5	-	-
2×1.0	2×1/1.13	-	4.8×7.4	51.0	18.1	-	-
2×1.5	2×1/1.38	-	5.4×8.4	65.9	12.1	-	-
2×2.5	2×1/1.78	6.2×9.8	6.0×9.8	95.7	64.9	7.41	11.8
2×4	2×1/2.25	6.8×11.0	7.2×11.5	146.0	80.7	4.61	7.39
2×6	2×7/1.04	7.4×12.0	8.0×13.0	200.0	104	3.08	4.91
2×10	2×7/1.35	9.6×16.0	9.6×16.0	323.0	177	1.83	3.08
2×0.75	2×1/0.97	-	4.6×9.4	62.6	-	24.5	-
2×1.0	2×1/1.13	-	4.8×9.8	74.3	-	18.10	-
2×1.5	2×1/1.38	-	5.4×11.5	95.6	-	12.10	-
2×2.5	2×1/1.78	6.0×13.5	6.2×13.5	140	93.9	7.41	11.8
2×4	2×1/2.25	7.0×15.0	7.4×16.5	220	123	7.41	7.39
2×6	2×7/1.04	7.4×17.0	8.0×18.0	295	153	4.61	4.91
2×10	2×7/1.35	9.6×22.5	9.6×22.5	485	261	1.83	3.08

BVV 450/750V

表5
table5

标称截面 Nominal section (mm ²)	线芯结构 芯×根数/线径 structure of core core × number/diameter (mm)	外径最大值 Maximum value of outer diameter (mm)	参考重量 Reference weight (kg/km)
1×0.75	1×1/0.97	4.3	23
1×1.0	1×1/1.3	4.5	26.4
1×1.5(A)	1×1/1.38	4.9	34.6
1×1.5(B)	1×7/0.52	5.2	36.5
1×2.5(A)	1×1/1.78	5.8	46.4
1×4(A)	1×1/2.25	6.4	65.9
1×4(B)	1×7/0.85	6.8	73.7
1×6(A)	1×1/2.76	7.0	91.6

标称截面 Nominal section (mm ²)	线芯结构 芯×根数/线径 structure of core core × number/diameter (mm)	外径最大值 Maximum value of outer diameter (mm)	参考重量 Reference weight (kg/km)
1×10	1×7/1.35	8.8	152.0
2×1.5(A)	2×1/1.38	9.8	109
2×1.5(B)	2×7/0.52	10.5	123
2×2.5(A)	2×1/1.78	11.5	157
2×2.5(B)	2×7/0.68	12.0	172
2×4(A)	2×1/2.25	12.5	205
2×4(B)	2×7/0.85	13.0	222
2×6(A)	2×1/2.76	13.5	265
2×6(B)	2×7/1.04	14.5	286
2×10	2×7/1.35	18.0	471
3×1.5(A)	3×1/1.38	10.5	136
3×1.5(B)	3×7/0.52	11.0	146
3×2.5(A)	3×1/1.78	12.0	190
3×2.5(B)	3×7/0.68	12.5	207
3×4(A)	3×1/2.25	13.0	252
3×4(B)	3×7/0.85	14.0	272
3×6(A)	3×1/2.76	14.5	344
3×10	3×7/1.35	19.0	574
4×1.5(A)	4×1/1.38	11.5	164
4×1.5(B)	4×7/0.52	12.0	174
4×2.5(B)	4×7/0.68	13.5	252
4×4(A)	4×1/2.25	14.5	321
4×4(B)	4×7/0.85	15.5	346
4×6(A)	4×1/2.76	16.0	439

标称截面 Nominal section (mm²)	线芯结构 芯×根数/线径 core × number/diameter (mm)	外径最大值 Maximum value of outer diameter (mm)	参考重量 Reference weight (kg/km)
4×6(B)	4×7/1.04	17.5	470
5×1.5(A)	5×1/1.38	12.0	192
5×1.5(B)	5×7/0.52	12.5	205
5×2.5(A)	5×1/1.78	14.0	272
5×2.5(B)	5×7/0.68	14.5	292
5×4(A)	5×1/2.25	16.0	379
5×4(B)	5×7/0.85	17.0	418
5×6(A)	5×1/2.76	17.5	518
5×6(B)	5×7/1.04	18.5	550

BVR 450/750V

表6
table6

标称截面 Nominal section (mm²)	线芯结构根数/线径 Number/diameter of core (mm)	最大外径 Maximum outer diameter (mm)	参考重量 Reference weight (kg/km)	20℃导体电阻≤ (Ω/km) Conductor resistance at 20℃ ≤ (Ω/km)
2.5	19/0.52	4.2	34.7	7.41
4	19/0.64	4.8	51.4	4.61
6	49/0.52	5.6	73.6	3.08
10	49/0.64	7.6	129	1.83
16	98/0.58	8.8	186	1.15
25	133/0.58	11.0	306	0.727
358	133/0.68	12.5	403	0.524
50	189/0.68	14.5	553	0.387
70	189/0.68	16.5	764	0.268

五、技术性能

- 1) 成品绝缘线和成品电线，放在20±5℃的室温水中至少1h后，能经受表7规定的交流电压实验。
- 2) 电缆具有良好的电气绝缘性能、力学性能和不延性能，质量可靠，方便耐用。
- 3) 成品电线的绝缘或护套表面应有生产厂名、型号和电压的连续标志。

- 1) Finished insulation core and finished power line are put into the water at the temperature 20±5℃ for an hours.they should be able to experience the AC voltage testing.
- 2) Outer power line is good at insulation property.machines property and non-inflammability with reliable quality andconvenient durability.
- 3) Finished power line should have products name,model and voltage signs.

表7
table7

试验名称 Testing name	试验项目 Testing item		试验值 Testing value	
			电缆额定电压 Rated voltage of wire	
			300/500V	450/750V
成品绝缘线芯电压试验 Finished insulation wire voltage testing	试验电压 (V)：按绝缘厚度 testing voltage: in accordance with insulation thickness	0.6mm及以下 0.6mm and below	1500	
		0.6mm及以上 0.6mm and up	2000	
	电压施加时间不小 (min) Voltage bring to bear on time not less than		5	
成品电缆电压试验 Finished product wire voltage testing	试验电压 Testing voltage		2000	
	电压施加时间不小 Voltage bring to bear on time not less than		5	