

交联聚乙烯绝缘电力电缆 —— 额定电压 0.6/1KV
XLPE Insulated Electric Cable —— Rated voltage 0.6/1KV

型号、名称和用途 Model, Name & Application:

Model	Name	Application
YJV	铜芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 Copper conductor,XLPE insulated,PVC sheathed electric cable	适用室内、隧道及电缆沟等无需承受机械外力的场所敷设。
YJLV	铝芯交联聚乙烯绝缘, 聚氯乙烯护套电力电缆 Aluminium conductor,XLPE insulated,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,etc,unable to bear external mechanical forces.
YJY	铜芯交联聚乙烯绝缘, 聚乙烯护套电力电缆 Copper conductor,XLPE insulated,PE sheathed electric cable	单芯电缆不允许敷设在磁性管道中。
YJLY	铝芯交联聚乙烯绝缘, 聚乙烯护套电力电缆 Aluminium conductor,XLPE insulated,PE sheathed electric cable	Single core cable in magnetic duct is not permissible.
YJV22	铜芯交联聚乙烯绝缘, 钢带铠装聚氯乙烯护套电力电缆 Copper conductor,XLPE insulated,Steel tape armoured,PVC sheathed electric cable	适用室内、隧道、电缆沟或埋地敷设等。
YJLV22	铝芯交联聚乙烯绝缘, 钢带铠装聚氯乙烯护套电力电缆 Aluminium conductor,XLPE insulated,Steel tape armoured,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,or direct in ground.
YJV23	铜芯交联聚乙烯绝缘, 钢带铠装聚乙烯护套电力电缆 Copper conductor,XLPE insulated,Steel tape armoured,PE sheathed electric cable	可承受一定的径向机械外力。
YJLV23	铝芯交联聚乙烯绝缘, 钢带铠装聚乙烯护套电力电缆 Aluminium conductor,XLPE insulated,Steel tape armoured,PE sheathed electric cable	Able to bear external mechanical forces,but unable to bear large pulling forces.
YJV32	铜芯交联聚乙烯绝缘, 钢丝铠装聚氯乙烯护套电力电缆 Copper conductor,XLPE insulated,Steel wire armoured,PVC sheathed electric cable	适用室内、隧道、电缆沟、竖井或埋地敷设等。
YJLV32	铝芯交联聚乙烯绝缘, 钢丝铠装聚氯乙烯护套电力电缆 Aluminium conductor,XLPE insulated,Steel wire armoured,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,vertical shaft or direct in ground.
YJV33	铜芯交联聚乙烯绝缘, 钢丝铠装聚乙烯护套电力电缆 Copper conductor,XLPE insulated,Steel wire armoured,PE sheathed electric cable	可承受一定的拉力。
YJLV33	铝芯交联聚乙烯绝缘, 钢丝铠装聚乙烯护套电力电缆 Aluminium conductor,XLPE insulated,Steel wire armoured,PE sheathed electric cable	Able to bear external mechanical forces and some pulling forces.

产品参数 Product data:
单芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
1-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional	绝缘厚度 Insulation thickness	YJV, YJLV, YJY, YJLY		YJV22, YJLV22, YJV23, YJLY23	
		电缆近似外径 Approx. overall	电缆近似重量 Approx. weight of cable (kg/km)	电缆近似外径 Approx. overall	电缆近似重量 Approx. weight of cable (kg/km)

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area of conductor (mm ²)	(mm)	diameter of cable (mm)	YJV, YJY	YJLV, YJLY	diameter of cable (mm)	YJV22, YJY23	YJLV22, YJLY23
1×1.5	0.7	5.6	52	—	—	—	—
1×2.5	0.7	6.0	65	50	—	—	—
1×4	0.7	6.4	83	58	—	—	—
1×6	0.7	7.0	106	69	—	—	—
1×10	0.7	8.3	157	94	11.7	233	170
1×16	0.7	9.3	221	121	12.7	305	205
1×25	0.9	11.2	334	175	14.4	426	267
1×35	0.9	12.4	435	215	15.6	536	316
1×50	1.0	14.1	576	278	17.1	680	382
1×70	1.1	16.1	793	362	19.1	912	481
1×95	1.1	18.2	1066	468	21.0	1188	590
1×120	1.2	18.7	1275	539	21.5	1400	663
1×150	1.4	20.7	1584	658	23.5	1721	795
1×185	1.6	22.6	1868	763	25.4	2020	915
1×240	1.7	25.1	2399	952	27.9	2567	1121
1×300	1.8	27.5	3028	1172	30.5	3225	1369
1×400	2.0	30.9	3888	1478	35.9	4461	2050
1×500	2.2	34.5	4953	1861	39.5	5584	2492
1×630	2.4	38.5	6164	2299	43.7	6878	3031
1×800	2.6	45.7	7920	2592	50.9	8757	3789

两芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

2-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
			YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
2×1.5	0.7	10.0	99	—	—	—	—	—	—	—
2×2.5	0.7	10.8	127	95	12.6	218	187	—	—	—
2×4	0.7	11.7	164	115	13.5	265	215	—	—	—
2×6	0.7	12.7	214	139	14.5	325	250	—	—	—
2×10	0.7	15.3	324	195	17.1	447	318	20.9	912	783
2×16	0.7	17.4	460	257	19.2	602	398	23.0	1124	920
2×25	0.9	20.8	691	369	22.6	863	540	26.4	1478	1156
2×35	0.9	23.1	907	460	24.9	1099	651	28.7	1775	1328
2×50	1.0	19.6	1039	478	21.4	1199	638	25.4	1792	1231
2×70	1.1	22.6	1456	646	24.2	1640	830	29.4	2543	1733
2×95	1.1	25.8	1973	849	29.0	2437	1314	32.4	3146	2022
2×120	1.2	28.2	2459	1042	31.4	2966	1549	35.0	3746	2328
2×150	1.4	40.2	3398	1520	43.6	4146	2268	48.2	5677	3799
2×185	1.6	44.2	4042	1800	47.6	4862	2620	52.4	6547	4305
2×240	1.7	49.6	5264	2329	53.0	6148	3212	57.8	8059	5124
2×300	1.8	54.8	7345	3076	58.0	7622	3853	63.5	10302	6408

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三芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
3-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
			YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
3×1.5	0.7	10.4	120	—	—	—	—	—	—	—
3×2.5	0.7	11.3	158	111	13.1	254	207	—	—	—
3×4	0.7	12.2	210	135	14.0	316	242	—	—	—
3×6	0.7	13.4	280	167	15.2	397	284	—	—	—
3×10	0.7	16.1	430	238	17.9	560	368	21.7	1049	856
3×16	0.7	18.4	623	318	20.2	773	468	24.0	1323	1017
3×25	0.9	22.1	947	463	23.9	1130	646	27.7	1779	1296
3×35	0.9	24.6	1254	584	26.4	1458	787	30.2	2174	1504
3×50	1.0	23.7	1518	677	25.5	1714	873	29.7	2433	1592
3×70	1.1	27.9	2143	929	31.3	2663	1449	34.6	3429	2215
3×95	1.1	31.3	2897	1212	34.7	3480	1794	38.1	4327	2641
3×120	1.2	38.4	3834	1593	41.8	4549	2309	45.2	5567	3327
3×150	1.4	43.1	4827	2010	46.5	5628	2811	51.1	7269	4452
3×185	1.6	47.4	5747	2384	50.8	6626	3263	55.8	8466	5103
3×240	1.7	53.2	7448	3045	56.6	8432	4029	61.8	10508	6106
3×300	1.8	58.7	9463	3810	62.1	10550	4896	67.3	12831	7177
3×400	2.0	66.5	12225	4885	69.9	13455	6114	77.0	17033	9692

四芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
4-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
			YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
4×1.5	0.7	11.1	145	—	12.9	241	—	—	—	—
4×2.5	0.7	12.1	194	131	13.9	299	236	—	—	—
4×4	0.7	13.2	261	162	15.0	377	277	—	—	—
4×6	0.7	14.5	352	201	16.3	480	329	—	—	—
4×10	0.7	17.6	547	290	19.4	690	433	23.3	1217	960
4×16	0.7	20.1	799	392	21.9	964	557	25.7	1560	1153
4×25	0.9	24.3	1222	577	26.1	1424	779	29.9	2132	1487
4×35	0.9	27.1	1626	731	28.9	1851	957	32.9	2649	1755
4×50	1.0	26.2	2005	884	30.0	2512	1391	33.0	3218	2097
4×70	1.1	31.9	2855	1236	35.3	3443	1824	38.7	4312	2692
4×95	1.1	35.9	3843	1595	39.3	4511	2264	42.7	5468	3221
4×120	1.2	42.8	5052	2064	46.2	5848	2860	49.8	7479	4492

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4×150	1.4	47.9	6336	2579	51.3	7226	3470	56.3	9090	5333
4×185	1.6	52.9	7569	3085	56.3	8548	4064	61.3	10587	6103
4×240	1.7	59.3	9809	3939	62.5	10882	5010	68.1	13238	7368
4×300	1.8	65.5	12467	4929	68.9	13679	6140	74.5	16273	8368
4×400	2.0	74.4	16139	6351	77.8	17512	7725	85.1	21519	11732

3+1 芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

3+1-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross- sectional area of conductor (mm ²)	芯数 Core number	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
			电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
				YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
3×1.5+1×1	3	0.7	10.9	138	—	12.7	232	—	—	—	—
	1	0.7									
3×2.5+1×1.5	3	0.7	11.8	181	—	13.6	283	—	—	—	—
	1	0.7									
3×4+1×2.5	3	0.7	12.9	245	154	14.7	356	266	—	—	—
	1	0.7									
3×6+1×4	3	0.7	14.1	329	191	15.9	453	315	—	—	—
	1	0.7									
3×10+1×6	3	0.7	16.8	497	267	18.6	632	402	22.4	1137	907
	1	0.7									
3×16+1×10	3	0.7	19.4	734	365	21.2	893	524	25.0	1471	1101
	1	0.7									
3×25+1×16	3	0.9	23.2	1114	528	25.0	1306	720	28.8	1984	1398
	1	0.7									
3×35+1×16	3	0.9	25.2	1414	642	27.0	1624	851	31.0	2372	1599
	1	0.7									
3×50+1×25	3	1.0	26.0	1807	805	28.0	2036	1034	32.0	2807	1805
	1	0.9									
3×70+1×35	3	1.1	31.7	2559	1121	35.4	3158	1721	38.5	4012	2574
	1	0.9									
3×95+1×50	3	1.1	35.9	3450	1461	39.6	4125	2136	42.7	5038	3049
	1	1.0									
3×120+1×70	3	1.2	40.5	4502	1845	44.2	5263	2606	48.5	6809	4151
	1	1.1									
3×150+1×70	3	1.4	44.3	5460	2226	48.0	6292	3058	52.5	7991	4758
	1	1.1									
3×185+1×95	3	1.6	49.2	6658	2705	52.9	7576	3623	57.4	9444	5491
	1	1.1									
3×240+1×120	3	1.7	55.0	8591	3441	58.7	9617	4467	63.4	11722	6573
	1	1.2									
3×300+1×150	3	1.8	61.0	10906	4313	64.5	12014	5421	69.6	14392	7799
	1	1.4									
3×400+1×185	3	2.0	68.7	13938	5476	72.4	15217	6755	79.2	18892	9906
	1	1.6									

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5-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional area of conductor (mm ²)	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
			YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
5×1.5	0.7	11.9	171	—	13.7	274	—	—	—	—
5×2.5	0.7	13.0	231	152	14.8	344	266	—	—	—
5×4	0.7	14.2	314	190	16.0	439	315	—	—	—
5×6	0.7	15.6	426	237	17.4	565	377	—	—	—
5×10	0.7	19.1	666	346	20.9	839	519	24.7	1391	1071
5×16	0.7	22.0	978	470	23.8	1180	671	27.6	1805	1296
5×25	0.9	26.6	1503	697	28.4	1749	943	32.4	2510	1704
5×35	0.9	29.7	2004	887	32.5	2318	1201	36.5	3375	2258
5×50	1.0	32.6	2605	1132	36.4	3314	1841	39.4	4093	2620
5×70	1.1	37.8	3617	1536	41.2	4414	2332	44.6	5326	3244
5×95	1.1	42.8	5006	2053	46.2	5906	2953	50.8	7432	4479
5×120	1.2	47.3	6276	2541	50.7	7271	3536	55.7	8999	5265
5×150	1.4	53.1	7897	3201	56.5	9012	4317	61.5	10936	6241
5×185	1.6	58.6	9297	3692	58.0	10436	4831	67.2	12793	7188
5×240	1.7	65.8	12220	4882	69.2	13596	6258	74.8	16041	8703
5×300	1.8	72.7	15530	6108	76.1	17049	7627	83.2	20754	11332
5×400	2.0	82.7	20143	7899	87.3	22733	10498	93.6	26123	13889

4+1 芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
4+1-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross-sectional area of conductor (mm ²)	芯数 Core number	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
			电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
				YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
4×1.5+1×1	4	0.7	11.8	165	—	13.6	266	—	—	—	—
	1	0.7									
4×2.5+1×1.5	4	0.7	12.8	219	—	14.6	330	—	—	—	—
	1	0.7									
4×4+1×2.5	4	0.7	14.0	297	182	15.8	420	305	—	—	—
	1	0.7									
4×6+1×4	4	0.7	15.4	403	228	17.2	540	364	—	—	—
	1	0.7									
4×10+1×6	4	0.7	18.4	617	323	20.2	767	473	24.0	1317	1023
	1	0.7									
4×16+1×10	4	0.7	21.4	915	445	23.2	1092	621	27.0	1722	1251
	1	0.7									

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4×25+1×16	4	0.9	25.7	1397	650	27.5	1611	864	31.5	2370	1624
	1	0.7									
4×35+1×16	4	0.9	28.1	1796	800	30.1	2012	1049	33.9	2858	1863
	1	0.7									
4×50+1×25	4	1.0	31.5	2371	1039	34.9	2961	1627	38.3	3815	2482
	1	0.9									
4×70+1×35	4	1.1	36.1	3287	1403	39.3	3941	2058	42.9	4920	3036
	1	0.9									
4×95+1×50	4	1.1	40.8	4515	1857	44.2	5274	2614	49.0	6858	4201
	1	1.0									
4×120+1×70	4	1.2	45.5	5750	2346	48.9	6596	3192	53.5	8318	4914
	1	1.1									
4×150+1×70	4	1.4	50.5	7025	2852	53.4	7955	3782	58.2	9867	5694
	1	1.1									
4×185+1×95	4	1.6	55.5	8525	3451	58.9	9552	4477	63.9	11681	6606
	1	1.1									
4×240+1×120	4	1.7	62.1	11008	4392	65.5	12157	5541	70.9	14589	7972
	1	1.2									
4×300+1×150	4	1.8	68.8	13978	5501	72.2	15250	6773	79.1	18951	10474
	1	1.4									
4×400+1×185	4	2.0	77.8	17941	7032	81.2	19377	8468	88.5	23553	12644
	1	1.6									

3+2 芯交联聚乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

3+2-Core XLPE Insulated, PVC/PE Sheathed Power Cable

标称截面 Nominal cross- sectional area of conductor (mm ²)	芯数 Core number	绝缘厚度 Insulation thickness (mm)	YJV, YJLV, YJY, YJLY			YJV22, YJLV22, YJV23, YJLV23			YJV32, YJLV32, YJV33, YJLV33		
			电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)		电缆近似外径 Approx. overall diameter of cable (mm)	电缆近似重量 Approx. weight of cable (kg/km)	
				YJV, YJY	YJLV, YJLY		YJV22, YJV23	YJLV22, YJLV23		YJV32, YJV33	YJLV32, YJLV33
3×1.5+2×1	3	0.7	13.4	158	—	13.4	259	—	—	—	—
	2	0.7		—	—		—	—	—	—	—
3×2.5+2×1.5	3	0.7	14.4	207	—	14.4	316	—	—	—	—
	2	0.7		—	—		—	—	—	—	—
3×4+2×2.5	3	0.7	15.5	282	175	15.5	401	295	—	—	—
	2	0.7		—	—		—	—	—	—	—
3×6+2×4	3	0.7	16.9	382	218	16.9	515	352	—	—	—
	2	0.7		—	—		—	—	—	—	—
3×10+2×6	3	0.7	19.5	569	301	19.5	713	445	23.3	1244	976
	2	0.7		—	—		—	—	—	—	—
3×16+2×10	3	0.7	22.6	853	419	22.6	1024	591	26.4	1639	1205
	2	0.7		—	—		—	—	—	—	—
3×25+2×16	3	0.9	26.5	1292	604	26.5	1497	810	30.3	2217	1531
	2	0.7		—	—		—	—	—	—	—
3×35+2×16	3	0.9	28.4	1590	715	28.4	1811	937	32.4	2596	1722
	2	0.7		—	—		—	—	—	—	—
3×50+2×25	3	1.0	31.5	2127	935	31.5	2374	1184	36.5	3494	2302

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	2	0.9									
3×70+2×35	3	1.1	37.3	2943	1258	37.3	3563	1878	40.9	4497	2812
	2	0.9									
3×95+2×50	3	1.1	42.3	4043	1631	42.3	4757	2406	46.9	6265	3904
	2	1.0									
3×120+2×70	3	1.2	43.5	5207	2134	46.9	6017	2944	51.5	7674	4601
	2	1.1									
3×150+2×70	3	1.4	47.0	6161	2511	50.4	7035	3385	55.4	8866	5216
	2	1.1									
3×185+2×95	3	1.6	52.3	7628	3084	55.7	8596	4052	60.7	10615	6070
	2	1.1									
3×240+2×120	3	1.7	58.5	9808	3912	61.9	10890	4993	67.1	13161	7265
	2	1.2									
3×300+2×150	3	1.8	64.9	12438	4906	68.3	13638	6107	73.7	16178	8647
	2	1.4									
3×400+2×185	3	2.0	72.9	15769	6186	76.3	17117	7534	83.8	21091	11508
	2	1.6									

技术参数 Technical Data:

导体 Conductor	导体标称截面 Nominal cross-sectional area of conductor (mm ²)	20°C时导体最大直流电阻 (Ω/KM) Max. DC resistance of conductor @ 20°C 试验电压 Testing voltage (AC): 3.5kv/5min	电缆载流量(A) Current Carrying Capacity					
			空气中 In the air			土壤中 Underground		
			单芯 Single-core	2芯 2-core	多芯 Multi-core	单芯 Single-core	2芯 2-core	多芯 Multi-core
铜导体 Copper conductor	1	18.1	-	-	-	-	-	-
	1.5	12.1	22	23	21	40	39	25
	2.5	7.41	31	33	28	50	51	33
	4	4.61	41	43	37	71	67	44
	6	3.08	52	55	46	91	85	54
	10	1.83	71	76	63	123	114	73
	16	1.15	92	97	84	158	149	94
	25	0.727	120	130	109	201	192	120
	35	0.524	150	160	132	244	230	144
	50	0.387	180	195	159	292	274	169
	70	0.268	230	245	195	355	335	205
	95	0.193	285	305	237	433	404	245
	120	0.153	335	355	273	496	461	278
	150	0.124	385	405	310	554	518	309
	185	0.0991	450	465	355	624	585	347
	240	0.0754	535	545	416	725	681	399
300	0.0601	620	630	473	819	770	446	
400	0.0470	720	-	-	934	-	-	

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	500	0.0366	835	-	-	1061	-	-
	630	0.0283	960	-	-	-	-	-
铝导体 Aluminum conductor	2.5	12.1	-	-	-	-	-	-
	4	7.41	-	-	-	-	-	-
	6	4.61	-	-	-	-	-	-
	10	3.08	55	58	48	95	87	56
	16	1.91	71	75	65	121	128	72
	25	1.20	99	100	85	159	149	93
	35	0.868	118	120	102	191	179	111
	50	0.641	150	150	123	224	212	131
	70	0.443	185	190	152	283	260	159
	95	0.320	231	235	184	338	313	190
	120	0.253	268	275	213	387	358	216
	150	0.206	308	315	241	430	401	240
	185	0.164	365	365	277	490	455	271
	240	0.125	427	425	326	568	530	312
	300	0.100	502	495	372	639	598	351
	400	0.0778	590	570	-	701	-	-
	500	0.0605	687	660	-	898	-	-
630	0.0469	800	-	-	-	-	-	

电缆敷设运行条件 Installation and operation condition of cable:

在空气中 In the air

- 单芯电缆平行敷设时中心距离: 185mm²及以下为电缆直径的 2 倍; 240mm²及以上为 90mm。
The distance between cables centers of single-core cables laid in parallel:
Cross-sectional area of conductor $\leq 185\text{mm}^2$: 2 times of cable diameter
Cross-sectional area of conductor $\geq 240\text{mm}^2$: 90mm
- 周围环境空气温度 Ambient air temperature: 40°C
- 导体的长期最高工作温度 Max. Continuous operating temperature of conductor: 90°C

不同环境温度下的载流量修正系数 Conversion factors of current rating for different ambient temperature :

空气温度 Air temperature	20°C	25°C	30°C	35°C	40°C	45°C
修正系数 Conversion factor	1.23	1.17	1.12	1.06	1.00	0.94

直埋敷设 Direct in the ground

- 单芯电缆不接触敷设时, 电缆中心距离为电缆直径的 2 倍。
The single-core cables are installed separately, the distance between the cable center is 2 times of the cable diameter.
- 土壤温度 Soil temperature: 25 °C
- 导体的长期最高工作温度 Max. continuous operating temperature of conductor: 90°C

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4. 土壤热阻系数 Thermal resistivity of soil: 1.0°C.m/W
5. 直埋深度 Depth of direct-buried: 0.7m

不同环境温度下的载流量修正系数 Conversion factors of current rating for different ambient temperature :

土壤温度 Soil temperature	20°C	25°C	30°C	35°C	40°C
修正系数 Conversion factor	1.04	1.00	0.96	0.92	0.87