

聚氯乙烯绝缘电力电缆 —— 额定电压 0.6/1KV
PVC Insulated Electric Cable —— Rated voltage 0.6/1KV

型号、名称和用途 Model, Name & Application:

Model	Name	Application
VV	铜芯聚氯乙烯绝缘, 聚氯乙烯护套电力电缆 Copper conductor,PVC 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。
VLV	铝芯聚氯乙烯绝缘, 聚氯乙烯护套电力电缆 Aluminium conductor,PVC insulated,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,etc,unable to bear external mechanical forces.
VY	铜芯聚氯乙烯绝缘, 聚乙烯护套电力电缆 Copper conductor,PVC insulated,PE sheathed electric cable	单芯电缆不允许敷设在磁性管道中。
VLV	铝芯聚氯乙烯绝缘, 聚乙烯护套电力电缆 Aluminium conductor,PVC insulated,PE sheathed electric cable	Single core cable in magnetic duct is not permissible.
VV22	铜芯聚氯乙烯绝缘, 钢带铠装聚氯乙烯护套电力电缆 Copper conductor,PVC insulated,Steel tape armoured,PVC sheathed electric cable	适用室内、隧道、电缆沟或埋地敷设等。
VLV22	铝芯聚氯乙烯绝缘, 钢带铠装聚氯乙烯护套电力电缆 Aluminium conductor,PVC insulated,Steel tape armoured,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,or direct in ground.
VV23	铜芯聚氯乙烯绝缘, 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。
VLV23	铝芯聚氯乙烯绝缘, 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.
VV32	铜芯聚氯乙烯绝缘, 钢丝铠装聚氯乙烯护套电力电缆 Copper conductor,PVC 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。
VLV32	铝芯聚氯乙烯绝缘, 钢丝铠装聚氯乙烯护套电力电缆 Aluminium conductor,PVC insulated,Steel wire armoured,PVC sheathed electric cable	For laying indoors,in tunnels,cable trench,vertical shaft or direct in ground.
VV33	铜芯聚氯乙烯绝缘, 钢丝铠装聚乙烯护套电力电缆 Copper conductor,PVC insulated,Steel wire armoured,PE sheathed electric cable	可承受一定的拉力。
VLV33	铝芯聚氯乙烯绝缘, 钢丝铠装聚乙烯护套电力电缆 Aluminium conductor,PVC insulated,Steel wire armoured,PE sheathed electric cable	Able to bear external mechanical forces and some pulling forces.

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

标称截面 Nominal cross-sectional	绝缘厚度 Insulation thickness	VV, VLV, VY, VLY		VV22, VLV22, VV23, VLV23	
		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)	VV, VY	VLV, VLY	diameter of cable (mm)	VV22, VY23	VLV22, VLV23
1×1.5	0.8	5.8	56	—	—	—	—
1×2.5	0.8	6.2	69	54	—	—	—
1×4	1.0	7.0	94	70	—	—	—
1×6	1.0	7.6	119	82	—	—	—
1×10	1.0	8.9	173	111	12.3	253	191
1×16	1.0	9.9	239	140	13.3	328	229
1×25	1.2	11.8	357	200	15.0	453	296
1×35	1.2	13.0	461	243	16.2	565	347
1×50	1.4	14.9	614	318	17.9	723	427
1×70	1.4	16.7	834	407	19.7	956	530
1×95	1.6	19.2	1132	539	22.0	1260	667
1×120	1.6	19.5	1334	604	22.3	1464	735
1×150	1.8	21.5	1653	736	24.3	1796	879
1×185	2.0	23.4	1949	855	26.2	2107	1013
1×240	2.2	26.1	2505	1073	28.9	2680	1249
1×300	2.4	28.7	3162	1324	33.7	3695	1857
1×400	2.6	32.1	4046	1659	37.3	4655	2268
1×500	2.8	35.7	5136	2074	40.9	5806	2744
1×630	2.8	39.3	6337	2510	44.5	7065	3238
1×800	2.8	46.1	8091	3172	51.3	8935	4017

两芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

2-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
		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)	
			VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
2×1.5	0.8	10.4	109	—	—	—	—	—	—	—
2×2.5	0.8	11.2	137	106	—	—	—	—	—	—
2×4	1.0	12.9	192	142	14.7	304	255	—	—	—
2×6	1.0	13.9	244	170	15.7	367	292	—	—	—
2×10	1.0	16.5	362	235	18.3	495	368	22.1	1020	892
2×16	1.0	18.6	505	303	20.4	655	454	24.2	1241	1040
2×25	1.2	22.0	748	429	23.8	929	610	27.6	1613	1294
2×35	1.2	24.3	971	528	26.1	1172	729	30.1	1934	1492
2×50	1.4	21.2	1120	559	23.0	1293	733	27.2	1977	1417
2×70	1.4	23.6	1555	745	27.4	1999	1190	30.8	2746	1937
2×95	1.6	27.8	2112	988	31.2	2627	1504	34.6	3475	2352
2×120	1.6	29.8	2596	1179	33.2	3147	1731	37.6	4412	2995
2×150	1.8	36.2	3220	1471	39.6	3891	2143	44.4	5445	3697
2×185	2.0	38.0	3946	1759	41.4	4645	2458	46.2	6255	4068
2×240	2.2	51.8	5501	2595	55.2	6460	3554	60.2	8636	5730
2×300	2.4	57.2	6951	3219	60.6	8011	4279	66.0	10460	6728

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三芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
3-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
		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)	
			VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
3×1.5	0.8	10.8	132	—	—	—	—	—	—	—
3×2.5	0.8	11.7	171	125	—	—	—	—	—	—
3×4	1.0	13.5	244	144	15.3	363	289	—	—	—
3×6	1.0	14.7	318	206	16.5	447	335	—	—	—
3×10	1.0	17.4	479	289	19.2	620	429	23.0	1172	981
3×16	1.0	19.7	680	378	21.5	840	538	25.3	1457	1155
3×25	1.2	23.4	1021	542	25.2	1213	734	29.0	1936	1458
3×35	1.2	25.9	1337	673	27.7	1551	887	31.7	2359	1695
3×50	1.4	25.5	1634	793	27.3	1844	1004	31.3	2906	2065
3×70	1.4	28.0	2272	1058	30.4	2818	1604	34.8	3727	2514
3×95	1.6	32.2	3113	1428	34.8	3741	2056	39.0	5178	3494
3×120	1.6	35.9	3844	1719	38.3	4521	2396	42.5	6087	3962
3×150	1.8	40.0	4735	2113	41.4	5489	2866	48.2	7241	4619
3×185	2.0	44.1	5879	2598	45.3	6702	3421	52.3	8620	5339
3×240	2.2	49.0	7629	3317	50.2	8555	4243	57.6	10720	6408
3×300	2.4	52.5	9502	4092	54.1	10524	5114	61.1	12929	7519
3×400	2.6	59.2	12773	5504	60.4	14053	6785	69.7	18134	10865

四芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
4-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
		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)	
			VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
4×1.5	0.8	11.6	160	—	—	—	—	—	—	—
4×2.5	0.8	12.6	211	149	—	—	—	—	—	—
4×4	1.0	14.7	304	206	16.5	434	336	—	—	—
4×6	1.0	15.9	400	250	17.7	542	392	—	—	—
4×10	1.0	19.0	609	355	20.8	764	510	24.6	1362	1108
4×16	1.0	21.1	871	468	23.4	1048	645	27.2	1719	1316
4×25	1.2	25.7	1316	678	27.5	1529	891	31.5	2333	1695
4×35	1.2	28.5	1732	846	30.3	1969	1084	35.3	3145	2260
4×50	1.4	28.3	2160	1040	32.1	2703	1583	35.1	3557	2437
4×70	1.4	31.7	3029	1411	35.7	3616	1999	39.3	4607	2989
4×95	1.6	38.7	4126	1880	41.3	4845	2599	46.9	6498	4252
4×120	1.6	42.2	5104	2271	45.4	5866	3032	51.3	7674	4841

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4×150	1.8	47.9	6266	2770	51.1	7124	3628	57.1	9126	5630
4×185	2.0	53.3	7763	3388	56.3	8702	4327	63.8	10895	6520
4×240	2.2	58.3	10046	4296	60.9	11097	5347	68.6	13562	7813
4×300	2.4	62.3	12523	5310	66.1	13693	6180	72.6	17419	10206
4×400	2.6	64.6	16851	7159	71.4	18282	8590	78.3	22858	13167

3+1 芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

3+1-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
			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)	
				VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
3×1.5+1×1	3	0.8	11.4	153	—	—	—	—	—	—	—
	1	0.8									
3×2.5+1×1.5	3	0.8	12.3	198	—	—	—	—	—	—	—
	1	0.8									
3×4+1×2.5	3	1.0	14.1	280	191	16.9	412	322	—	—	—
	1	0.8									
3×6+1×4	3	1.0	15.6	375	238	18.4	521	384	—	—	—
	1	1.0									
3×10+1×6	3	1.0	18.2	555	327	21.0	709	482	23.8	1276	1049
	1	1.0									
3×16+1×10	3	1.0	20.9	804	438	23.7	981	616	26.5	1625	1260
	1	1.0									
3×25+1×16	3	1.2	24.6	1202	622	27.4	1412	833	30.4	2177	1597
	1	1.0									
3×35+1×16	3	1.2	26.7	1511	746	29.5	1740	975	32.5	2564	1799
	1	1.0									
3×50+1×25	3	1.4	28.3	1973	972	30.9	2214	1215	35.1	3395	2395
	1	1.2									
3×70+1×35	3	1.4	32.3	2721	1286	34.0	3329	1895	38.4	4385	2951
	1	1.2									
3×95+1×50	3	1.6	36.7	3699	1715	39.3	4424	2440	43.7	5614	3630
	1	1.4									
3×120+1×70	3	1.6	40.3	4661	2102	42.3	5448	2890	43.9	7320	4762
	1	1.4									
3×150+1×70	3	1.8	46.1	5567	2512	46.8	6431	3376	51.7	8421	5366
	1	1.4									
3×185+1×95	3	2.0	49.8	6979	3098	52.1	7902	4020	59.1	10144	6263
	1	1.6									
3×240+1×120	3	2.2	54.6	8957	3886	56.8	10013	4942	65.4	12524	7453
	1	1.6									
3×300+1×150	3	2.4	58.9	11149	4807	61.2	12325	5983	72.1	15147	8806
	1	1.8									
3×400+1×185	3	2.6	66.9	14559	6181	69.1	15890	7511	82.4	20463	12084
	1	2.0									

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五芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
5-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
		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)	
			VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
5×1.5	0.8	12.4	189	—	—	—	—	—	—	—
5×2.5	0.8	13.5	251	174	—	—	—	—	—	—
5×4	1.0	15.8	366	243	17.6	508	385	—	—	—
5×6	1.0	17.3	484	297	19.1	651	464	—	—	—
5×10	1.0	20.7	742	425	22.5	924	607	26.3	1559	1241
5×16	1.0	23.6	1068	564	25.4	1276	772	29.2	1989	1486
5×25	1.2	28.2	1619	821	30.0	1871	1073	34.2	2745	1947
5×35	1.2	31.5	2150	1043	32.2	2755	1649	38.3	3697	2591
5×50	1.4	34.8	2788	1329	38.6	3460	2001	41.6	4483	3025
5×70	1.4	39.6	3829	1767	43.0	4566	2504	47.8	6255	4194
5×95	1.6	45.7	5339	2415	49.1	6188	3264	54.1	8183	5214
5×120	1.6	49.7	6602	2904	53.1	7524	3827	58.3	9663	5965
5×150	1.8	55.5	8283	3634	58.9	9313	4663	64.3	11711	7062
5×185	2.0	61.0	9715	4165	60.2	10739	5189	70.0	13642	8092
5×240	2.2	68.7	12813	5547	72.1	14083	6817	79.4	18132	10866
5×300	2.4	76.1	16278	6948	79.5	17685	8356	87.0	22184	12854
5×400	2.6	86.1	21017	8903	90.7	23388	11274	97.2	27700	15586

4+1 芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆
4+1-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
			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)	
				VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
4×1.5+1×1	4	0.8	12.3	183	—	—	—	—	—	—	
	1	0.8									
4×2.5+1×1.5	4	0.8	13.3	239	—	—	—	—	—	—	
	1	0.8									
4×4+1×2.5	4	1.0	15.4	343	229	17.2	480	366	—	—	
	1	0.8									
4×6+1×4	4	1.0	17.0	460	286	18.8	613	439	—	—	
	1	1.0									
4×10+1×6	4	1.0	20.0	690	399	21.8	853	562	25.6	1513	
	1	1.0									
4×16+1×10	4	1.0	23.0	1002	535	24.8	1191	724	28.6	1944	
	1	1.0									

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4×25+1×16	4	1.2	27.3	1508	768	29.1	1734	995	33.1	2643	1904
	1	1.0									
4×35+1×16	4	1.2	29.7	1919	932	31.7	2180	1195	36.7	3475	2489
	1	1.0									
4×50+1×25	4	1.4	33.7	2554	1235	36.9	3162	1843	40.5	4287	2968
	1	1.2									
4×70+1×35	4	1.4	37.7	3465	1601	41.1	4168	2303	44.5	5384	3519
	1	1.2									
4×95+1×50	4	1.6	43.5	4817	2186	46.9	5627	2996	51.7	7619	4988
	1	1.4									
4×120+1×70	4	1.6	47.8	6053	2682	51.0	6917	3546	56.0	9103	5733
	1	1.4									
4×150+1×70	4	1.8	52.3	7375	3244	55.7	8346	4214	60.9	10772	6641
	1	1.4									
4×185+1×95	4	2.0	57.9	8955	3930	61.3	10026	5001	66.7	12710	7685
	1	1.6									
4×240+1×120	4	2.2	64.9	11547	4995	68.3	12747	6195	75.2	16801	10249
	1	1.6									
4×300+1×150	4	2.4	72.0	14652	6258	75.4	15983	7589	82.9	20560	12166
	1	1.8									
4×400+1×185	4	2.6	81.0	18734	7933	85.6	20968	10166	92.1	25403	14601
	1	2.0									

3+2 芯聚氯乙烯绝缘聚氯乙烯/聚乙烯护套电力电缆

3+2-Core PVC 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)	VV, VLV, VY, VLY			VV22, VLV22, VV23, VLV23			VV32, VLV32, VV33, VLV33		
			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)	
				VV, VY	VLV, VLY		VV22, VV23	VLV22, VLV23		VV32, VV33	VLV32, VLV33
3×1.5+2×1	3	0.8	12.2	176	—	—	—	—	—	—	—
	2	0.8									
3×2.5+2×1.5	3	0.8	13.1	226	—	—	—	—	—	—	—
	2	0.8									
3×4+2×2.5	3	1.0	14.9	320	215	16.7	452	347	—	—	—
	2	0.8									
3×6+2×4	3	1.0	16.7	437	276	18.5	586	425	—	—	—
	2	1.0									
3×10+2×6	3	1.0	19.3	637	373	21.1	795	530	24.9	1440	1175
	2	1.0									
3×16+2×10	3	1.0	22.4	937	507	24.2	1121	692	28.0	1859	1430
	2	1.0									
3×25+2×16	3	1.2	26.4	1397	716	28.2	1615	934	32.2	2492	1812
	2	1.0									
3×35+2×16	3	1.2	28.2	1703	838	30.0	1937	1072	34.2	2848	1983
	2	1.0									
3×50+2×25	3	1.4	31.7	2280	1100	35.5	2888	1709	38.5	3916	2736

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	2	1.2									
3×70+2×35	3	1.4	36.0	3122	1453	39.2	3774	2105	42.8	4947	3279
	2	1.2									
3×95+2×50	3	1.6	41.4	4300	1962	44.8	5071	2733	48.8	6953	4615
	2	1.4									
3×120+2×70	3	1.6	45.7	5486	2443	49.1	6335	3092	53.2	8433	5390
	2	1.4									
3×150+2×70	3	1.8	49.1	6476	2862	52.5	7388	3774	55.4	9671	6057
	2	1.4									
3×185+2×95	3	2.0	54.9	8034	3535	58.3	9049	4550	63.0	11588	7089
	2	1.6									
3×240+2×120	3	2.2	61.2	10293	4455	64.6	11424	5585	69.3	14277	8439
	2	1.6									
3×300+2×150	3	2.4	67.9	13039	5581	71.3	14294	6836	76.2	18561	11103
	2	1.8									
3×400+2×185	3	2.6	75.9	16474	6985	79.3	17877	8388	86.8	22702	13213
	2	2.0									

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	20	17	15	24	26	22
	2.5	7.41	24	25	21	31	34	29
	4	4.61	32	33	28	40	44	36
	6	3.08	40	42	36	50	56	47
	10	1.83	55	58	49	81	84	72
	16	1.15	74	76	66	105	110	94
	25	0.727	95	98	84	130	140	120
	35	0.524	115	120	100	160	175	145
	50	0.387	140	145	125	185	205	175
	70	0.268	180	185	160	230	255	210
	95	0.193	220	230	195	275	305	255
	120	0.153	255	265	235	315	350	295
	150	0.124	295	305	260	350	390	330
	185	0.0991	340	350	305	395	440	370
	240	0.0754	405	-	360	460	-	425
300	0.0601	470	-	410	515	-	480	
400	0.0470	550	-	485	585	-	555	

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	500	0.0366	635	-	-	655	-	-
	630	0.0283	735	-	-	740	-	-
	800	0.0221	850	-	-	-	-	-
铝导体 Aluminum conductor	2.5	12.1	19	19	17	25	26	23
	4	7.41	25	26	22	32	35	30
	6	4.61	33	34	29	41	45	39
	10	3.08	42	44	38	62	65	55
	16	1.91	58	59	51	85	85	73
	25	1.20	74	76	65	100	110	94
	35	0.868	90	93	80	120	135	110
	50	0.641	110	115	98	145	160	135
	70	0.443	140	145	120	180	195	165
	95	0.320	170	170	150	215	235	200
	120	0.253	200	205	180	245	270	230
	150	0.206	230	235	200	275	305	255
	185	0.164	265	275	235	310	345	290
	240	0.125	320	-	280	360	-	335
	300	0.100	370	-	320	405	-	375
	400	0.0778	435	-	380	465	-	435
500	0.0605	510	-	-	530	-	-	
630	0.0469	600	-	-	605	-	-	
800	0.0367	706	-	-	-	-	-	

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

在空气中 In the air

1. 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

2. 周围环境空气温度 Ambient air temperature: 40°C
3. 导体的长期最高工作温度 Max. Continuous operating temperature of conductor: 70°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	1.29	1.22	1.15	1.08	1.00	0.1

直埋敷设 Direct in the ground

1. 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.

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2. 土壤温度 Soil temperature: 25 °C
3. 导体的长期最高工作温度 Max. continuous operating temperature of conductor: 70°C
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