

硅橡胶绝缘控制电缆

The sixth chapter: silicon rubber insulated control cable

一、 产品标准 Standard

本产品根据企业标准设计、生产和检测。同时还可根据客户的特殊要求进行设计、生产和检测。

This product according to the enterprise standard design, production and testing. At the same time also can carry on a design, production and testing according to the special requirements of customers.

二、 适用范围 Applications

本产品适用于交流额定电压为 0.6/1kV 及以下的控制、监控回路及保护线路等场合使用的控制电缆。电缆具有较好的热稳定性，能在高温、低温、腐蚀性等场合仍能保持良好的电性能和柔软性，尤其适合冶金、电力、石化等行业具有移动耐温等特殊要求场合使用。

This product is fit for ac rated voltage up to and including 0.6/1kV control, monitoring, control cable circuit and protection circuit and so on situations.

Cable has good thermal stability, can be in high temperature, low temperature, corrosive, etc can still maintain good performance and softness, especially suitable for metallurgy, electric power, petrochemical and other industries which have special requirements such as mobile and heat-resistant occasions to use.

三、 使用特性 Operating characteristics

1、 额定电压：450/750V、0.6/1kV。Rated voltage: 450/750V、0.6/1kV。

2、 电缆工作温度：电缆导体正常运行时最高额定工作温度：180℃。

Cable working temperature: control cable conductor long allowed working temperature 70℃。

3、 硅橡胶绝缘电缆的允许弯曲半径：

——无铠装层的电缆，应不小于电缆外径的 6 倍；

——有铠装或屏蔽结构的电缆，应不小于电缆外径的 12 倍。

Allowed bending radius of Silicon rubber insulation cable:

——Non armoured cable, not less than 6 times of cable diameter;

——Armored cable or copper screen structure, should be not less than 12 times of cable diameter,

四、 产品型号及名称 Type of cable

表 1 产品型号及名称

型号	名称
KGG	硅橡胶绝缘硅橡胶护套控制电缆 Silicon rubber insulation and sheath control cable
KGGP	硅橡胶绝缘硅橡胶护套编织屏蔽控制电缆 Silicon rubber insulation and sheath copper wire braiding screen control cable
KGGP2	硅橡胶绝缘硅橡胶护套铜带屏蔽控制电缆 Silicon rubber insulation and sheath copper tape screen control cable
KGGP3	硅橡胶绝缘硅橡胶护套铝塑复合带屏蔽控制电缆 Silicon rubber insulation and sheath aluminum-plastic composite tape screen control cable
KGG22	硅橡胶绝缘硅橡胶护套钢带铠装控制电缆 Silicon rubber insulation and sheath steel tape armoured control cable
KGGR	硅橡胶绝缘硅橡胶护套控制软电缆 Silicon rubber insulation and sheath flexible control cable
KGGRP	硅橡胶绝缘硅橡胶护套编织屏蔽控制软电缆 Silicon rubber insulation and sheath copper wire braiding screen flexible control cable
<p>备注：阻燃分为成束 A、B、C 类阻燃，分别表示为 ZA、ZB、ZC，一般不注明（ZR）等级则为 C 类。 Note: flame retardant is divided into bundles of A, B, C flame retardant, are expressed as ZA, ZB,ZC, generally does not indicate (ZR) level for the C class。</p>	

五、 电缆结构尺寸 Cable structure size

1、 KGG、KGGR 型电缆 Silicon rubber insulation and sheath control cable

KGG 型电缆				KGGR 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-sectional area of conductors	绝缘 标称 厚度 Thickne ss of Insulat ion mm	电缆近 似外径 Approximate overall diameter of cable mm	电缆近 似重量 kg/km Approximate the weight of cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulation mm	电缆近 似外径 Approximate overall diameter of cable mm	电缆近 似重量 kg/km Approximate the weight of cable
2×0.75	0.7	8.4	82	2×0.5	0.7	8.3	76
3×0.75	0.7	8.8	96	3×0.5	0.7	8.7	88
4×0.75	0.7	9.5	113	4×0.5	0.7	9.4	103
5×0.75	0.7	10.2	131	5×0.5	0.7	10.0	118
7×0.75	0.7	10.9	151	7×0.5	0.7	10.8	133
8×0.75	0.7	12.0	177	8×0.5	0.7	11.8	156
10×0.75	0.7	13.4	215	10×0.5	0.7	13.2	189
12×0.75	0.7	14.0	247	12×0.5	0.7	13.8	216
14×0.75	0.7	14.6	276	14×0.5	0.7	14.4	241
16×0.75	0.7	15.3	307	16×0.5	0.7	15.1	267
19×0.75	0.7	16.1	339	19×0.5	0.7	15.8	291
24×0.75	0.7	18.5	428	24×0.5	0.7	18.2	368
27×0.75	0.7	18.9	467	27×0.5	0.7	18.6	400
30×0.75	0.7	19.5	508	30×0.5	0.7	19.2	434
37×0.75	0.7	21.4	614	37×0.5	0.7	21.0	522
44×0.75	0.7	23.9	730	44×0.5	0.7	23.5	621
48×0.75	0.7	24.2	781	48×0.5	0.7	23.8	662
52×0.75	0.7	24.9	826	52×0.5	0.7	24.5	699
61×0.75	0.7	26.3	948	61×0.5	0.7	25.9	799
2×1	0.7	8.8	91	2×0.75	0.7	8.8	87
3×1	0.7	9.2	108	3×0.75	0.7	9.1	100
4×1	0.7	9.9	128	4×0.75	0.7	9.9	119
5×1	0.7	10.6	149	5×0.75	0.7	10.6	138
7×1	0.7	11.4	173	7×0.75	0.7	11.4	158
8×1	0.7	12.6	204	8×0.75	0.7	12.6	186
10×1	0.7	14.2	254	10×0.75	0.7	14.2	231
12×1	0.7	14.6	285	12×0.75	0.7	14.6	258
14×1	0.7	15.3	321	14×0.75	0.7	15.3	290
16×1	0.7	16.1	358	16×0.75	0.7	16.1	322
19×1	0.7	16.9	397	19×0.75	0.7	16.9	355
24×1	0.7	19.5	502	24×0.75	0.7	19.5	449

27×1	0.7	19.9	549	27×0.75	0.7	19.9	489
30×1	0.7	21.0	617	30×0.75	0.7	21.0	551

续上表:

KGG 型电缆				KGGR 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thicknes s of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight o f cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight o f cable
37×1	0.7	22.5	724	37×0.75	0.7	22.5	642
44×1	0.7	25.1	862	44×0.75	0.7	25.1	764
48×1	0.7	25.5	924	48×0.75	0.7	25.5	817
52×1	0.7	26.2	980	52×0.75	0.7	26.2	864
61×1	0.7	27.8	1128	61×0.75	0.7	27.8	992
2×1.5	0.8	9.7	115	2×1	0.7	9.1	96
3×1.5	0.8	10.2	138	3×1	0.7	9.5	113
4×1.5	0.8	11.0	166	4×1	0.7	10.3	134
5×1.5	0.8	11.8	195	5×1	0.7	11.1	157
7×1.5	0.8	12.7	228	7×1	0.7	11.9	181
8×1.5	0.8	14.3	275	8×1	0.7	13.2	214
10×1.5	0.8	16.0	336	10×1	0.7	14.9	266
12×1.5	0.8	16.5	381	12×1	0.7	15.3	298
14×1.5	0.8	17.3	431	14×1	0.7	16.0	335
16×1.5	0.8	18.2	483	16×1	0.7	16.9	374
19×1.5	0.8	19.1	538	19×1	0.7	17.7	413
24×1.5	0.8	22.6	703	24×1	0.7	20.9	542
27×1.5	0.8	23.0	769	27×1	0.7	21.3	590
30×1.5	0.8	23.8	841	30×1	0.7	22.0	643
37×1.5	0.8	25.7	993	37×1	0.7	23.7	755
44×1.5	0.8	28.7	1184	44×1	0.7	26.5	899
48×1.5	0.8	29.2	1272	48×1	0.7	26.9	963
52×1.5	0.8	30.6	1390	52×1	0.7	27.6	1020
61×1.5	0.8	32.4	1601	61×1	0.7	29.3	1174
2×2.5	0.8	10.5	146	2×1.5	0.8	10.0	121
3×2.5	0.8	11.0	179	3×1.5	0.8	10.5	144
4×2.5	0.8	11.9	217	4×1.5	0.8	11.4	173
5×2.5	0.8	12.9	259	5×1.5	0.8	12.3	204
7×2.5	0.8	14.1	315	7×1.5	0.8	13.3	237
8×2.5	0.8	15.7	372	8×1.5	0.8	15.0	288

10×2.5	0.8	17.6	456	10×1.5	0.8	16.8	352
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续上表:

KGG 型电缆				KGGR 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thicknes s of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重 kg/km Approxi mate the weight o f cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重 kg/km Approxi mate the weight o f cable
12×2.5	0.8	18.2	523	12×1.5	0.8	17.3	398
14×2.5	0.8	19.0	592	14×1.5	0.8	18.1	448
16×2.5	0.8	20.5	684	16×1.5	0.8	19.1	502
19×2.5	0.8	21.5	768	19×1.5	0.8	20.1	558
24×2.5	0.8	25.0	976	24×1.5	0.8	23.7	731
27×2.5	0.8	25.5	1074	27×1.5	0.8	24.2	800
30×2.5	0.8	26.4	1177	30×1.5	0.8	25.1	874
37×2.5	0.8	28.5	1400	37×1.5	0.8	27.0	1029
44×2.5	0.8	32.5	1712	44×1.5	0.8	30.9	1269
48×2.5	0.8	33.1	1843	48×1.5	0.8	31.4	1361
52×2.5	0.8	34.0	1962	52×1.5	0.8	32.2	1442
61×2.5	0.8	36.4	2299	61×1.5	0.8	34.1	1660
2×4	0.8	11.4	188	2×2.5	0.8	10.9	153
3×4	0.8	12.0	236	3×2.5	0.8	11.5	188
4×4	0.8	13.1	291	4×2.5	0.8	12.5	228
5×4	0.8	14.4	357	5×2.5	0.8	13.5	270
7×4	0.8	15.6	432	7×2.5	0.8	14.9	327
8×4	0.8	17.3	508	8×2.5	0.8	16.5	386
10×4	0.8	19.5	627	10×2.5	0.8	18.6	476
12×4	0.8	20.5	739	12×2.5	0.8	19.2	543
14×4	0.8	21.5	842	14×2.5	0.8	20.5	633
2×6	0.8	12.4	241	16×2.5	0.8	21.6	710
3×6	0.8	13.1	309	19×2.5	0.8	22.7	794
4×6	0.8	14.5	391	24×2.5	0.8	26.4	1012
5×6	0.8	15.7	472	27×2.5	0.8	27.0	1112
7×6	0.8	17.1	580	30×2.5	0.8	27.9	1218
8×6	0.8	19.1	683	37×2.5	0.8	30.7	1484
10×6	0.8	21.9	864	44×2.5	0.8	34.5	1773
12×6	0.8	22.7	1001	48×2.5	0.8	35.0	1906
14×6	0.8	23.8	1144	52×2.5	0.8	36.4	2057
				61×2.5	0.8	38.6	2375

2、 KGGP、 KGGRP 型电缆 Silicon rubber insulation and sheath copper wire braiding

screen control cable

KGGP 型电缆				KGGRP 型电缆			
芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 Approximate weight of cable kg/km	芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 Approximate weight of cable kg/km
2×0.75	0.7	8.6	101	2×0.5	0.7	8.5	95
3×0.75	0.7	9.0	116	3×0.5	0.7	8.9	108
4×0.75	0.7	9.7	136	4×0.5	0.7	9.6	125
5×0.75	0.7	10.4	156	5×0.5	0.7	10.2	142
7×0.75	0.7	11.1	178	7×0.5	0.7	11.0	160
8×0.75	0.7	12.2	208	8×0.5	0.7	12.0	187
10×0.75	0.7	13.8	257	10×0.5	0.7	13.6	230
12×0.75	0.7	14.4	299	12×0.5	0.7	14.2	268
14×0.75	0.7	15.0	331	14×0.5	0.7	14.8	295
16×0.75	0.7	15.7	365	16×0.5	0.7	15.5	324
19×0.75	0.7	16.5	401	19×0.5	0.7	16.2	352
24×0.75	0.7	18.9	501	24×0.5	0.7	18.6	440
27×0.75	0.7	19.7	558	27×0.5	0.7	19.4	489
30×0.75	0.7	20.3	603	30×0.5	0.7	20.0	527
37×0.75	0.7	21.8	698	37×0.5	0.7	21.4	605
44×0.75	0.7	24.3	826	44×0.5	0.7	23.9	716
48×0.75	0.7	24.6	878	48×0.5	0.7	24.2	758
52×0.75	0.7	25.5	955	52×0.5	0.7	25.1	825
61×0.75	0.7	26.9	1085	61×0.5	0.7	26.5	934
2×1	0.7	9.0	112	2×0.75	0.7	9.0	107
3×1	0.7	9.4	130	3×0.75	0.7	9.3	122
4×1	0.7	10.1	152	4×0.75	0.7	10.1	143
5×1	0.7	10.8	176	5×0.75	0.7	10.8	165
7×1	0.7	11.6	202	7×0.75	0.7	11.6	187
8×1	0.7	13.0	243	8×0.75	0.7	13.0	225
10×1	0.7	14.6	307	10×0.75	0.7	14.6	284
12×1	0.7	15.0	340	12×0.75	0.7	15.0	313
14×1	0.7	15.7	379	14×0.75	0.7	15.7	348
16×1	0.7	16.5	420	16×0.75	0.7	16.5	384
19×1	0.7	17.3	463	19×0.75	0.7	17.3	420
24×1	0.7	20.3	597	24×0.75	0.7	20.3	544

27×1	0.7	20.7	646	27×0.75	0.7	20.7	586
30×1	0.7	21.4	700	30×0.75	0.7	21.4	633

续上表:

KGGP 型电缆				KGGRP 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulati on mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重 kg/km Approxi mate the weight of cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickn ess of Insulati on mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重 kg/km Approxi mate th e weight of cable
37×1	0.7	22.9	814	37×0.75	0.7	22.9	732
44×1	0.7	25.7	992	44×0.75	0.7	25.7	894
48×1	0.7	26.1	1056	48×0.75	0.7	26.1	949
52×1	0.7	26.8	1116	52×0.75	0.7	26.8	1000
61×1	0.7	28.4	1273	61×0.75	0.7	28.4	1138
2×1.5	0.8	9.9	138	2×1	0.7	9.3	118
3×1.5	0.8	10.4	163	3×1	0.7	9.7	136
4×1.5	0.8	11.2	194	4×1	0.7	10.5	160
5×1.5	0.8	12.0	225	5×1	0.7	11.3	185
7×1.5	0.8	13.1	267	7×1	0.7	12.1	211
8×1.5	0.8	14.7	329	8×1	0.7	13.6	255
10×1.5	0.8	16.4	398	10×1	0.7	15.3	322
12×1.5	0.8	16.9	445	12×1	0.7	15.7	356
14×1.5	0.8	17.7	498	14×1	0.7	16.4	396
16×1.5	0.8	18.6	554	16×1	0.7	17.3	440
19×1.5	0.8	19.9	630	19×1	0.7	18.1	483
24×1.5	0.8	23.0	793	24×1	0.7	21.3	625
27×1.5	0.8	23.4	861	27×1	0.7	21.7	675
30×1.5	0.8	24.2	937	30×1	0.7	22.4	731
37×1.5	0.8	26.3	1126	37×1	0.7	24.1	850
44×1.5	0.8	29.9	1372	44×1	0.7	27.1	1037
48×1.5	0.8	30.4	1465	48×1	0.7	27.5	1103
52×1.5	0.8	31.2	1549	52×1	0.7	28.2	1164
61×1.5	0.8	33.0	1771	61×1	0.7	30.5	1367
2×2.5	0.8	10.7	172	2×1.5	0.8	10.2	145
3×2.5	0.8	11.2	207	3×1.5	0.8	10.7	170
4×2.5	0.8	12.1	248	4×1.5	0.8	11.6	202
5×2.5	0.8	13.3	299	5×1.5	0.8	12.5	236
7×2.5	0.8	14.5	368	7×1.5	0.8	13.7	278
8×2.5	0.8	16.1	432	8×1.5	0.8	15.4	345

10×2.5	0.8	18.0	525	10×1.5	0.8	17.2	417
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续上表:

KGGP 型电缆				KGGRP 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulati on mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight of cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickn ess of Insulati on mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight of cable
12×2.5	0.8	18.6	594	12×1.5	0.8	17.7	465
14×2.5	0.8	19.8	684	14×1.5	0.8	18.5	519
16×2.5	0.8	20.9	765	16×1.5	0.8	19.9	595
19×2.5	0.8	21.9	853	19×1.5	0.8	20.9	656
24×2.5	0.8	25.6	1105	24×1.5	0.8	24.1	826
27×2.5	0.8	26.1	1206	27×1.5	0.8	24.6	897
30×2.5	0.8	27.0	1314	30×1.5	0.8	25.7	1004
37×2.5	0.8	29.7	1587	37×1.5	0.8	27.6	1170
44×2.5	0.8	33.1	1882	44×1.5	0.8	31.5	1430
48×2.5	0.8	33.7	2017	48×1.5	0.8	32.0	1524
52×2.5	0.8	35.0	2170				
61×2.5	0.8	37.2	2531				
2×4	0.8	11.6	210	2×2.5	0.8	11.1	181
3×4	0.8	12.2	272	3×2.5	0.8	11.7	217
4×4	0.8	13.5	345	4×2.5	0.8	12.9	266
5×4	0.8	14.8	429	5×2.5	0.8	13.9	312
7×4	0.8	16.0	491	7×2.5	0.8	15.3	383
8×4	0.8	17.7	594	8×2.5	0.8	16.9	450
10×4	0.8	20.3	714	10×2.5	0.8	19.0	549
12×4	0.8	20.9	825	12×2.5	0.8	20.0	636
14×4	0.8	21.9	941	14×2.5	0.8	20.9	713
2×6	0.8	12.8	270	16×2.5	0.8	22.0	796
3×6	0.8	13.5	356	19×2.5	0.8	23.1	885
4×6	0.8	14.9	463	24×2.5	0.8	27.0	1149
5×6	0.8	16.1	555	27×2.5	0.8	27.6	1253
7×6	0.8	17.5	647	30×2.5	0.8	28.5	1365
8×6	0.8	19.9	800	37×2.5	0.8	31.3	1644
10×6	0.8	22.3	942	44×2.5	0.8	35.5	1984
12×6	0.8	23.1	1097	48×2.5	0.8	36.0	2121
14×6	0.8	24.2	1256				

3、 KGGP2、 KGGP3 型电缆 Silicon rubber insulation and sheath copper tape screen control cable and Silicon rubber insulation and sheath aluminum-plastic composite tape screen control cable

KGGP2 型电缆				KGGP3 型电缆			
芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.75	0.7	8.1	87	2×0.75	0.7	8.1	81
3×0.75	0.7	8.5	102	3×0.75	0.7	8.5	95
4×0.75	0.7	9.2	120	4×0.75	0.7	9.2	113
5×0.75	0.7	9.9	139	5×0.75	0.7	9.9	131
7×0.75	0.7	10.6	159	7×0.75	0.7	10.6	150
8×0.75	0.7	11.7	187	8×0.75	0.7	11.7	177
10×0.75	0.7	13.3	233	10×0.75	0.7	13.3	221
12×0.75	0.7	13.7	260	12×0.75	0.7	13.7	247
14×0.75	0.7	14.3	290	14×0.75	0.7	14.3	277
16×0.75	0.7	15.0	321	16×0.75	0.7	15.0	307
19×0.75	0.7	15.8	355	19×0.75	0.7	15.8	340
24×0.75	0.7	18.2	447	24×0.75	0.7	18.2	430
27×0.75	0.7	18.6	486	27×0.75	0.7	18.6	468
30×0.75	0.7	19.2	529	30×0.75	0.7	19.2	510
37×0.75	0.7	21.1	636	37×0.75	0.7	21.1	616
44×0.75	0.7	23.6	756	44×0.75	0.7	23.6	733
48×0.75	0.7	23.9	807	48×0.75	0.7	23.9	783
52×0.75	0.7	24.6	854	52×0.75	0.7	24.6	829
61×0.75	0.7	26.0	977	61×0.75	0.7	26.0	951
2×1	0.7	8.5	97	2×1	0.7	8.5	91
3×1	0.7	8.9	114	3×1	0.7	8.9	107
4×1	0.7	9.6	136	4×1	0.7	9.6	128
5×1	0.7	10.3	158	5×1	0.7	10.3	149
7×1	0.7	11.1	183	7×1	0.7	11.1	173
8×1	0.7	12.3	215	8×1	0.7	12.3	204
10×1	0.7	13.9	267	10×1	0.7	13.9	254
12×1	0.7	14.3	299	12×1	0.7	14.3	286
14×1	0.7	15.0	335	14×1	0.7	15.0	321
16×1	0.7	15.8	374	16×1	0.7	15.8	359
19×1	0.7	16.6	414	19×1	0.7	16.6	398

24×1	0.7	19.2	523	24×1	0.7	19.2	504
27×1	0.7	20.0	587	27×1	0.7	20.0	568
30×1	0.7	20.7	639	30×1	0.7	20.7	619

续上表:

KGGP2 型电缆				KGGP3 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section of conductors	绝缘标 称厚度 Thicknes s of Insulatio n mm	电缆近 似外径 Approximate overall diameter of cable mm	电缆近 似重 kg/km Approximate the weight of cable	芯数×标称 截面 mm ² Number and nominal cross-section of conductors	绝缘标 称厚度 Thickne ss of Insulatio n mm	电缆近 似外径 Approximate overall diameter of cable mm	电缆近 似重 kg/km Approximate the weight of cable
37×1	0.7	22.2	748	37×1	0.7	22.2	727
44×1	0.7	24.8	890	44×1	0.7	24.8	865
48×1	0.7	25.2	952	48×1	0.7	25.2	927
52×1	0.7	25.9	1009	52×1	0.7	25.9	983
61×1	0.7	27.5	1159	61×1	0.7	27.5	1131
2×1.5	0.8	9.4	122	2×1.5	0.8	9.4	115
3×1.5	0.8	9.9	146	3×1.5	0.8	9.9	138
4×1.5	0.8	10.7	175	4×1.5	0.8	10.7	166
5×1.5	0.8	11.5	205	5×1.5	0.8	11.5	195
7×1.5	0.8	12.4	239	7×1.5	0.8	12.4	228
8×1.5	0.8	14.0	289	8×1.5	0.8	14.0	276
10×1.5	0.8	15.7	352	10×1.5	0.8	15.7	337
12×1.5	0.8	16.2	398	12×1.5	0.8	16.2	383
14×1.5	0.8	17.0	448	14×1.5	0.8	17.0	432
16×1.5	0.8	17.9	501	16×1.5	0.8	17.9	484
19×1.5	0.8	18.8	558	19×1.5	0.8	18.8	539
24×1.5	0.8	22.3	727	24×1.5	0.8	22.3	705
27×1.5	0.8	22.7	794	27×1.5	0.8	22.7	771
30×1.5	0.8	23.5	867	30×1.5	0.8	23.5	843
37×1.5	0.8	25.4	1021	37×1.5	0.8	25.4	996
44×1.5	0.8	28.4	1217	44×1.5	0.8	28.4	1188
48×1.5	0.8	28.9	1306	48×1.5	0.8	28.9	1276
52×1.5	0.8	30.3	1424	52×1.5	0.8	30.3	1394
61×1.5	0.8	32.1	1638	61×1.5	0.8	32.1	1605
2×2.5	0.8	10.2	154	2×2.5	0.8	10.2	145
3×2.5	0.8	10.7	188	3×2.5	0.8	10.7	179
4×2.5	0.8	11.6	227	4×2.5	0.8	11.6	217
5×2.5	0.8	12.6	270	5×2.5	0.8	12.6	259
7×2.5	0.8	13.8	328	7×2.5	0.8	13.8	315

8×2.5	0.8	15.4	387	8×2.5	0.8	15.4	372
10×2.5	0.8	17.3	474	10×2.5	0.8	17.3	458

续上表:

KGGP2 型电缆				KGGP3 型电缆			
芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thicknes s of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight o f cable	芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	绝缘标 称厚度 Thickne ss of Insulatio n mm	电缆近 似外径 Approxi mate overall diameter of cable mm	电缆近 似重量 kg/km Approxi mate the weight o f cable
12×2.5	0.8	17.9	541	12×2.5	0.8	17.9	524
14×2.5	0.8	18.7	612	14×2.5	0.8	18.7	594
16×2.5	0.8	20.2	705	16×2.5	0.8	20.2	686
19×2.5	0.8	21.2	790	19×2.5	0.8	21.2	770
24×2.5	0.8	24.7	1003	24×2.5	0.8	24.7	979
27×2.5	0.8	25.2	1102	27×2.5	0.8	25.2	1077
30×2.5	0.8	26.1	1206	30×2.5	0.8	26.1	1180
37×2.5	0.8	28.2	1432	37×2.5	0.8	28.2	1403
44×2.5	0.8	32.2	1749	44×2.5	0.8	32.2	1716
48×2.5	0.8	32.8	1881	48×2.5	0.8	32.8	1847
52×2.5	0.8	33.7	2001	52×2.5	0.8	33.7	1966
61×2.5	0.8	36.1	2340	61×2.5	0.8	36.1	2303
2×4	0.8	11.1	190	2×4	0.8	11.1	181
3×4	0.8	11.7	251	3×4	0.8	11.7	241
4×4	0.8	13.0	322	4×4	0.8	13.0	311
5×4	0.8	14.1	388	5×4	0.8	14.1	375
7×4	0.8	15.3	447	7×4	0.8	15.3	432
8×4	0.8	17.0	544	8×4	0.8	17.0	528
10×4	0.8	19.6	657	10×4	0.8	19.6	638
12×4	0.8	20.2	766	12×4	0.8	20.2	746
14×4	0.8	21.2	878	14×4	0.8	21.2	858
2×6	0.8	12.1	243	2×6	0.8	12.1	232
3×6	0.8	13.0	333	3×6	0.8	13.0	321
4×6	0.8	14.2	421	4×6	0.8	14.2	409
5×6	0.8	15.4	510	5×6	0.8	15.4	496
7×6	0.8	16.8	597	7×6	0.8	16.8	582
8×6	0.8	18.8	728	8×6	0.8	18.8	709
10×6	0.8	21.6	878	10×6	0.8	21.6	857
12×6	0.8	22.4	1030	12×6	0.8	22.4	1008
14×6	0.8	23.5	1186	14×6	0.8	23.5	1163

4、 KGG22 型电缆 Silicon rubber insulation and sheath steel tape armoured control cable

KGG22 型电缆				KGG22 型电缆			
芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.75	0.7	10.4	166	2×1	0.7	10.8	180
3×0.75	0.7	10.8	184	3×1	0.7	11.2	201
4×0.75	0.7	11.5	209	4×1	0.7	11.9	229
5×0.75	0.7	12.2	235	5×1	0.7	12.6	258
7×0.75	0.7	12.9	262	7×1	0.7	13.4	290
8×0.75	0.7	14.0	300	8×1	0.7	14.6	334
10×0.75	0.7	15.4	354	10×1	0.7	16.0	393
12×0.75	0.7	15.8	384	12×1	0.7	16.4	429
14×0.75	0.7	16.4	420	14×1	0.7	17.1	472
16×0.75	0.7	17.1	458	16×1	0.7	17.9	517
19×0.75	0.7	17.9	498	19×1	0.7	18.7	565
24×0.75	0.7	20.7	630	24×1	0.7	21.7	716
27×0.75	0.7	21.1	673	27×1	0.7	22.1	767
30×0.75	0.7	21.7	722	30×1	0.7	22.8	826
37×0.75	0.7	23.2	826	37×1	0.7	24.3	948
44×0.75	0.7	25.7	969	44×1	0.7	26.9	1113
48×0.75	0.7	26.0	1022	48×1	0.7	27.3	1179
52×0.75	0.7	26.7	1076	52×1	0.7	28.0	1243
61×0.75	0.7	28.1	1212	61×1	0.7	30.2	1446
2×1.5	0.8	11.7	213	2×2.5	0.8	12.5	253
3×1.5	0.8	12.2	242	3×2.5	0.8	13.0	292
4×1.5	0.8	13.0	279	4×2.5	0.8	13.9	339
5×1.5	0.8	13.8	316	5×2.5	0.8	14.9	392
7×1.5	0.8	14.7	359	7×2.5	0.8	15.9	453
8×1.5	0.8	16.1	416	8×2.5	0.8	17.5	527
10×1.5	0.8	17.8	495	10×2.5	0.8	19.8	648
12×1.5	0.8	18.3	545	12×2.5	0.8	20.4	721
14×1.5	0.8	19.5	620	14×2.5	0.8	21.2	800
16×1.5	0.8	20.4	681	16×2.5	0.8	22.3	887
19×1.5	0.8	21.3	747	19×2.5	0.8	23.3	981

24×1.5	0.8	24.4	928	24×2.5	0.8	26.8	1226
27×1.5	0.8	24.8	998	27×2.5	0.8	27.3	1329
30×1.5	0.8	25.6	1079	30×2.5	0.8	28.8	1478

续上表:

KGG22 型电缆				KGG22 型电缆			
芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	绝缘标称厚度 Thickness of Insulation mm	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
37×1.5	0.8	27.5	1251	37×2.5	0.8	30.9	1726
44×1.5	0.8	31.1	1512	44×2.5	0.8	34.7	2066
48×1.5	0.8	31.6	1607	48×2.5	0.8	36.5	2526
52×1.5	0.8	32.4	1695	52×2.5	0.8	37.4	2663
61×1.5	0.8	34.6	1955	61×2.5	0.8	39.4	3012
2×4	0.8	13.4	298	2×6	0.8	14.4	360
3×4	0.8	14.0	364	3×6	0.8	15.1	451
4×4	0.8	15.1	440	4×6	0.8	16.3	551
5×4	0.8	16.2	516	5×6	0.8	17.5	650
7×4	0.8	17.4	586	7×6	0.8	19.3	766
8×4	0.8	19.5	715	8×6	0.8	21.3	917
10×4	0.8	21.7	833	10×6	0.8	23.7	1072
12×4	0.8	22.3	947	12×6	0.8	24.5	1232
14×4	0.8	23.3	1069	14×6	0.8	25.6	1398
2×10	1.0	18.1	545				
3×10	1.0	19.1	698				
4×10	1.0	20.7	861				
5×10	1.0	22.4	1027				
7×10	1.0	24.2	1175				
8×10	1.0	26.9	1422				
10×10	1.0	30.9	1708				

氟塑料绝缘耐高温控制电缆

The seventh chapter: fluorine plastic insulated high temperature resistant control cable

一、 产品标准 Standard

本产品根据企业标准设计、生产和检测。同时还可根据客户的特殊要求进行设计、生产和检测。

This product according to the enterprise standard design, production and testing. At the same time also can carry on a design, production and testing according to the special requirements of customers.

二、 适用范围 Applications

本产品适用于交流额定电压为 0.6/1kV 及以下有耐高温或耐酸碱腐蚀要求的控制、监控回路及保护线路等场合使用的控制电缆。电缆具有优良的化学稳定性、耐化学腐蚀、耐火、耐高温、阻燃等特性。在石油、冶金、化工、电力、航天等环境恶劣的场合有着重要用途。

This product is fit for ac rated voltage up to and including 0.6/1kV there is a requirement for high temperature resistant or naisuanjian corrosion control, monitoring, control cable circuit and protection circuit and so on situations. Cable has good chemical stability, resistance to chemical corrosion, refractory, high temperature resistant, flame retardant. In petroleum, metallurgy, chemical industry, electric power, aerospace and other harsh situation has an important purpose.

三、 使用特性 Operating characteristics

1、 额定电压：450/750V、0.6/1kV。 Rated voltage: 450/750V、0.6/1kV。

2、 电缆导体的长期允许工作温度为：200℃。

Cable highest long-term allowable working temperature: cable conductor Working temperature: 200℃。

3、 电缆的允许弯曲半径

——无铠装层的电缆，应不小于电缆外径的 8 倍；

——有铠装或屏蔽结构的电缆，应不小于电缆外径的 15 倍。

Allowed bending radius of cable:

——Non armoured cable, not less than 6 times of cable diameter;

——Armored cable or copper screen structure, should be not less than 15times of cable diameter,

四、 产品型号及名称 Type of cable

表 1 产品型号及名称

型号	名称
KFF	铜芯氟塑料绝缘和护套耐高温控制电缆 Copper conductor Fluorine plastic insulated and sheathed High-temperature resistant control cable
KFFR	铜芯氟塑料绝缘和护套耐高温控制软电缆 Copper conductor Fluorine plastic insulated and sheathed High-temperature resistant flexible control cable
KFFP	铜芯氟塑料绝缘和护套编织屏蔽耐高温控制电缆 Copper conductor Fluorine plastic insulated and sheathed copper wire braiding screen High-temperature resistant control cable
KFFP2	铜芯氟塑料绝缘和护套铜带屏蔽耐高温控制电缆 Copper conductor Fluorine plastic insulated and sheathed copper tape screen High-temperature resistant control cable
KFFRP	铜芯氟塑料绝缘和护套编织屏蔽耐高温控制软电缆 Copper conductor Fluorine plastic insulated and sheathed copper wire braiding screen High-temperature resistant flexible control cable
KFG	铜芯氟塑料绝缘硅橡胶护套控制电缆 Copper conductor Fluorine plastic insulated and silicon rubber sheathed High-temperature resistant control cable
KFGR	铜芯氟塑料绝缘硅橡胶护套控制软电缆 Copper conductor Fluorine plastic insulated and silicon rubber sheathed High-temperature resistant flexible control cable
KFGP	铜芯氟塑料绝缘硅橡胶护套编织屏蔽控制电缆 Copper conductor Fluorine plastic insulated and silicon rubber sheathed copper wire braiding screen High-temperature resistant control cable
KFGP2	铜芯氟塑料绝缘硅橡胶护套铜带屏蔽控制电缆 Copper conductor Fluorine plastic insulated and silicon rubber sheathed copper tape screen High-temperature resistant control cable
KFGRP	铜芯氟塑料绝缘硅橡胶护套编织屏蔽控制软电缆 Copper conductor Fluorine plastic insulated and silicon rubber sheathed copper wire braiding screen High-temperature resistant flexible control cable
KFV	铜芯氟塑料绝缘聚氯乙烯护套控制电缆 Copper conductor Fluorine plastic insulated and PVC sheathed control cable
KFVR	铜芯氟塑料绝缘聚氯乙烯护套控制软电缆 Copper conductor Fluorine plastic insulated and PVC sheathed flexible control cable

KFVP	铜芯氟塑料绝缘聚氯乙烯护套编织屏蔽控制电缆 Copper conductor Fluorine plastic insulated and PVC sheathed copper wire braiding screen control cable
KFVP2	铜芯氟塑料绝缘聚氯乙烯护套铜带屏蔽控制电缆 Copper conductor Fluorine plastic insulated and PVC sheathed copper tape screen control cable
KFVRP	铜芯氟塑料绝缘聚氯乙烯护套编织屏蔽控制软电缆 Copper conductor Fluorine plastic insulated and PVC sheathed copper wire braiding screen flexible control cable
KFV22	铜芯氟塑料绝缘聚氯乙烯护套钢带铠装控制电缆 Copper conductor Fluorine plastic insulated and PVC sheathed steel tape armoured control cable
<p>备注：阻燃分为成束 A、B、C 类阻燃，分别表示为 ZA、ZB、ZC，一般不注明（ZR）等级则为 C 类。</p> <p>Note: flame retardant is divided into bundles of A, B, C flame retardant, are expressed as ZA, ZB,ZC, generally does not indicate (ZR) level for the C class。</p>	

五、 电缆结构尺寸 Cable structure size

1、 KFF、KFG、KFV 型电缆 Copper conductor Fluorine plastic insulated High-temperature resistant control cable

芯数×标称 截面 mm ² Number and nominal cross-sectional area of conductors	KFF 型电缆		KFG 型电缆		KFV 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重 重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似 重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似 重 kg/km Approximate the weight of cable
2×0.75	5.2	50	7.0	66	6.6	69
3×0.75	5.5	62	7.3	79	6.9	81
4×0.75	6.0	75	7.8	93	7.4	95
5×0.75	6.7	93	8.3	108	7.9	110
7×0.75	7.2	112	8.8	127	8.4	122
8×0.75	8.0	131	9.6	147	9.2	146
10×0.75	9.0	160	10.6	178	10.2	179
12×0.75	9.3	182	10.9	201	10.5	201
14×0.75	9.7	206	11.3	225	10.9	225
16×0.75	10.2	230	11.8	250	11.4	250
19×0.75	10.8	261	12.4	281	12.0	274
24×0.75	12.7	338	14.3	358	14.3	370
27×0.75	13.0	371	14.6	392	14.6	403
30×0.75	13.4	405	15.0	426	15.0	438
37×0.75	14.5	481	16.1	504	16.1	509
44×0.75	16.3	573	17.9	598	17.9	611
48×0.75	16.5	616	18.1	641	18.1	653
52×0.75	17.0	656	18.6	682	18.6	688
61×0.75	18.0	758	19.6	785	19.6	791
2×1	5.8	62	7.6	79	7.2	84
3×1	6.1	76	7.9	94	7.5	98
4×1	6.8	98	8.4	113	8.0	117
5×1	7.4	116	9.0	131	8.6	135
7×1	8.0	141	9.6	157	9.2	151
8×1	8.9	165	10.5	182	10.1	182
10×1	10.0	201	11.6	221	11.2	223
12×1	10.3	230	11.9	250	11.5	251
14×1	10.9	262	12.5	283	12.1	284
16×1	11.4	293	13.0	315	12.6	316
19×1	12.1	333	13.7	355	13.3	347

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFF 型电缆		KFG 型电缆		KFV 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
24×1	14.3	431	15.9	453	15.9	468
27×1	14.6	474	16.2	497	16.2	510
30×1	15.1	519	16.7	543	16.7	557
37×1	16.3	618	17.9	643	17.9	649
44×1	18.3	736	19.9	763	19.9	779
48×1	18.6	793	20.2	821	20.2	835
52×1	19.6	874	21.2	893	21.2	901
61×1	20.8	1009	22.4	1029	22.4	1037
2×1.5	6.3	77	8.1	95	7.7	102
3×1.5	6.8	101	8.4	116	8.0	121
4×1.5	7.4	124	9.0	140	8.6	146
5×1.5	8.1	148	9.7	165	9.3	171
7×1.5	8.7	182	10.3	199	9.9	193
8×1.5	9.8	213	11.4	232	11.0	234
10×1.5	11.0	262	12.6	282	12.2	287
12×1.5	11.4	301	13.0	323	12.6	326
14×1.5	12.0	344	13.6	366	13.2	369
16×1.5	12.8	395	14.4	416	14.4	432
19×1.5	13.5	449	15.1	470	15.1	475
24×1.5	15.8	568	17.4	593	17.4	610
27×1.5	16.1	627	17.7	652	17.7	668
30×1.5	16.7	689	18.3	715	18.3	732
37×1.5	18.1	825	19.7	852	19.7	858
44×1.5	20.7	1010	22.3	1031	22.3	1051
48×1.5	21.1	1089	22.7	1110	22.7	1129
52×1.5	21.7	1163	23.3	1184	23.3	1193
61×1.5	23.0	1346	24.6	1368	24.6	1377
2×2.5	7.5	114	9.1	129	8.7	141
3×2.5	7.9	145	9.5	161	9.1	172
4×2.5	8.6	180	10.2	197	9.8	208
5×2.5	9.4	216	11.0	235	10.6	247

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section of conductors	KFF 型电缆		KFG 型电缆		KFV 型电缆	
	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似重 量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似重 量 kg/km Approximate the weight of cable
7×2.5	10.2	269	11.8	288	11.4	281
8×2.5	11.5	315	13.1	337	12.7	341
10×2.5	13.2	398	14.8	419	14.8	442
12×2.5	13.7	461	15.3	483	15.3	504
14×2.5	14.4	527	16.0	549	16.0	571
16×2.5	15.2	594	16.8	618	16.8	641
19×2.5	16.0	677	17.6	702	17.6	707
24×2.5	19.2	886	20.8	906	20.8	931
27×2.5	19.6	979	21.2	999	21.2	1023
30×2.5	20.3	1076	21.9	1096	21.9	1121
37×2.5	22.0	1290	23.6	1312	23.6	1320
44×2.5	24.7	1537	26.3	1560	26.3	1587
48×2.5	25.2	1661	26.8	1684	26.8	1711
52×2.5	25.9	1776	27.5	1800	27.5	1811
61×2.5	27.5	2062	29.1	2087	29.1	2098
2×4	8.6	158	10.2	176	9.8	196
3×4	9.1	206	10.7	224	10.3	240
4×4	10.0	258	11.6	278	11.2	295
5×4	10.9	313	12.5	334	12.1	324
7×4	12.0	393	13.6	415	13.2	407
8×4	13.7	470	15.3	492	15.3	514
10×4	15.5	581	17.1	605	17.1	637
12×4	16.0	675	17.6	700	17.6	728
14×4	16.9	775	18.5	801	18.5	831
2×6	9.6	210	11.2	229	10.8	222
3×6	10.2	278	11.8	297	11.4	290
4×6	11.2	350	12.8	371	12.4	363
5×6	12.5	436	14.1	456	14.1	458
7×6	13.7	550	15.3	572	15.3	576
8×6	15.4	643	17.0	667	17.0	673
10×6	17.5	798	19.1	825	19.1	831
12×6	18.2	933	19.8	961	19.8	967
14×6	19.1	1072	21.1	1118	21.1	1126

2、KFFR、KFGR、KFVR 型电缆 Copper conductor Fluorine plastic insulated

High-temperature resistant control cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	KFFR 型电缆		KFGR 型电缆		KFVR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable mm	电缆近似重 量 kg/km Approximate the weight of cable
2×0.5	5.1	45	6.9	61	6.5	56
3×0.5	5.4	54	7.2	71	6.8	66
4×0.5	5.9	65	7.7	83	7.3	78
5×0.5	6.3	76	8.1	94	7.7	89
7×0.5	7.1	95	8.7	110	8.3	105
8×0.5	7.8	111	9.4	127	9.0	121
10×0.5	8.8	135	10.4	152	10.0	146
12×0.5	9.1	153	10.7	171	10.3	164
14×0.5	9.5	171	11.1	190	10.7	183
16×0.5	10.0	191	11.6	211	11.2	204
19×0.5	10.5	214	12.1	234	11.7	227
24×0.5	12.4	278	14.0	299	14.0	303
27×0.5	12.7	305	14.3	325	14.3	330
30×0.5	13.1	332	14.7	353	14.7	357
37×0.5	14.1	391	15.7	413	15.7	418
44×0.5	15.9	465	17.5	490	17.5	496
48×0.5	16.1	499	17.7	524	17.7	530
52×0.5	16.6	531	18.2	556	18.2	562
61×0.5	17.6	611	19.2	638	19.2	644
2×0.75	5.6	54	7.4	71	7.0	67
3×0.75	5.9	66	7.7	84	7.3	79
4×0.75	6.4	80	8.2	99	7.8	94
5×0.75	7.1	99	8.7	114	8.3	109
7×0.75	7.7	119	9.3	134	8.9	129
8×0.75	8.6	139	10.2	156	9.8	150
10×0.75	9.6	169	11.2	188	10.8	181
12×0.75	9.9	192	11.5	211	11.1	204
14×0.75	10.4	217	12.0	237	11.6	230
16×0.75	11.0	244	12.6	265	12.2	257
19×0.75	11.6	274	13.2	296	12.8	288
24×0.75	13.7	356	15.3	378	15.3	383

27×0.75	14.0	390	15.6	412	15.6	417
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续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFR 型电缆		KFGR 型电缆		KFVR 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
30×0.75	14.5	427	16.1	449	16.1	455
37×0.75	15.6	506	17.2	530	17.2	535
44×0.75	17.5	601	19.1	628	19.1	634
48×0.75	17.8	647	19.4	673	19.4	680
52×0.75	18.3	689	19.9	716	19.9	723
61×0.75	19.9	823	21.5	843	21.5	851
2×1	6.1	66	7.9	84	7.5	79
3×1	6.7	86	8.3	101	7.9	96
4×1	7.2	104	8.8	119	8.4	113
5×1	7.8	122	9.4	138	9.0	133
7×1	8.5	148	10.1	165	9.7	159
8×1	9.5	173	11.1	192	10.7	185
10×1	10.7	212	12.3	233	11.9	225
12×1	11.1	243	12.7	264	12.3	256
14×1	11.6	275	13.2	297	12.8	289
16×1	12.4	316	14.0	337	14.0	341
19×1	13.1	357	14.7	378	14.7	382
24×1	15.3	452	16.9	475	16.9	481
27×1	15.6	496	17.2	521	17.2	526
30×1	16.2	544	17.8	569	17.8	574
37×1	17.5	646	19.1	673	19.1	679
44×1	20.1	798	21.7	818	21.7	826
48×1	20.4	858	22.0	878	22.0	886
52×1	21.0	913	22.6	934	22.6	942
61×1	22.3	1054	23.9	1075	23.9	1084
2×1.5	6.8	86	8.4	100	8.0	95
3×1.5	7.2	107	8.8	122	8.4	117
4×1.5	7.9	131	9.5	147	9.1	142

5×1.5	8.6	156	10.2	173	9.8	167
7×1.5	9.3	190	10.9	208	10.5	201

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFR 型电缆		KFGR 型电缆		KFVR 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
8×1.5	10.4	222	12.0	242	11.6	235
10×1.5	11.8	274	13.4	296	13.0	288
12×1.5	12.2	315	13.8	338	13.4	330
14×1.5	13.0	367	14.6	388	14.6	393
16×1.5	13.7	412	15.3	434	15.3	439
19×1.5	14.5	467	16.1	490	16.1	495
24×1.5	16.9	592	18.5	618	18.5	624
27×1.5	17.3	653	18.9	679	18.9	685
30×1.5	17.9	716	19.5	743	19.5	750
37×1.5	19.8	883	21.4	903	21.4	910
44×1.5	22.3	1052	23.9	1073	23.9	1082
48×1.5	22.6	1132	24.2	1154	24.2	1163
52×1.5	23.3	1208	24.9	1230	24.9	1239
61×1.5	24.7	1397	26.3	1420	26.3	1430
2×2.5	7.9	120	9.5	136	9.1	131
3×2.5	8.4	153	10.0	170	9.6	164
4×2.5	9.2	189	10.8	207	10.4	200
5×2.5	10.1	227	11.7	247	11.3	240
7×2.5	11.0	279	12.6	300	12.2	293
8×2.5	12.5	337	14.1	357	14.1	361
10×2.5	14.2	416	15.8	438	15.8	443
12×2.5	14.7	480	16.3	503	16.3	508
14×2.5	15.4	547	17.0	571	17.0	576
16×2.5	16.3	617	17.9	642	17.9	648
19×2.5	17.2	701	18.8	727	18.8	733
24×2.5	20.6	921	22.2	941	22.2	949
27×2.5	21.1	1016	22.7	1037	22.7	1045
30×2.5	21.9	1116	23.5	1138	23.5	1146
37×2.5	23.6	1334	25.2	1357	25.2	1366

44×2.5	26.7	1593	28.3	1618	28.3	1628
48×2.5	27.1	1719	28.7	1744	28.7	1755
52×2.5	27.9	1836	29.5	1862	29.5	1873
61×2.5	30.1	2173	31.9	2198	31.9	2212

3、KFFRP、KFGRP、KFVRP 型电缆 Copper conductor Fluorine plastic insulated

High-temperature resistant control cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFRP 型电缆		KFGRP 型电缆		KFVRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.5	5.3	56	7.1	72	6.7	68
3×0.5	5.6	66	7.4	83	7.0	79
4×0.5	6.1	78	7.9	96	7.5	92
5×0.5	6.7	95	8.3	109	7.9	104
7×0.5	7.3	112	8.9	127	8.5	121
8×0.5	8.0	129	9.6	145	9.2	139
10×0.5	9.0	156	10.6	174	10.2	167
12×0.5	9.3	174	10.9	193	10.5	186
14×0.5	9.7	194	11.3	213	10.9	206
16×0.5	10.2	216	11.8	235	11.4	228
19×0.5	10.7	239	12.3	260	11.9	253
24×0.5	12.8	324	14.4	344	14.4	349
27×0.5	13.1	351	14.7	372	14.7	376
30×0.5	13.5	380	15.1	401	15.1	406
37×0.5	14.5	443	16.1	466	16.1	471
44×0.5	16.3	524	17.9	549	17.9	555
48×0.5	16.5	559	18.1	584	18.1	590
52×0.5	17.0	592	18.6	618	18.6	624
61×0.5	18.4	702	20.0	720	20.0	728
2×0.75	5.8	67	7.6	84	7.2	80
3×0.75	6.1	80	7.9	98	7.5	93
4×0.75	6.8	99	8.4	114	8.0	109
5×0.75	7.3	116	8.9	131	8.5	126
7×0.75	7.9	137	9.5	153	9.1	147
8×0.75	8.8	160	10.4	177	10.0	171
10×0.75	9.8	192	11.4	211	11.0	205
12×0.75	10.1	216	11.7	236	11.3	229
14×0.75	10.6	243	12.2	263	11.8	256
16×0.75	11.4	279	13.0	297	12.4	284
19×0.75	12.0	311	13.6	330	13.6	335

24×0.75	14.1	406	15.7	428	15.7	433
27×0.75	14.4	442	16.0	464	16.0	469

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFRP 型电缆		KFGRP 型电缆		KFVRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
30×0.75	14.9	480	16.5	503	16.5	509
37×0.75	16.0	563	17.6	588	17.6	593
44×0.75	18.3	692	19.9	710	19.5	700
48×0.75	18.6	738	20.2	757	20.2	765
52×0.75	19.1	783	20.7	802	20.7	810
61×0.75	20.3	897	21.9	917	21.9	925
2×1	6.3	80	8.1	98	7.7	93
3×1	6.9	101	8.5	116	8.1	111
4×1	7.4	120	9.0	136	8.6	130
5×1	8.0	141	9.6	157	9.2	151
7×1	8.7	168	10.3	185	9.9	179
8×1	9.7	196	11.3	215	10.9	208
10×1	10.9	238	12.5	259	12.1	252
12×1	11.5	278	13.1	297	12.5	284
14×1	12.0	312	13.6	331	13.6	335
16×1	12.8	362	14.4	382	14.4	387
19×1	13.5	404	15.1	426	15.1	431
24×1	15.7	508	17.3	532	17.3	538
27×1	16.0	554	17.6	579	17.6	584
30×1	16.6	604	18.2	629	18.2	635
37×1	18.3	737	19.9	755	19.5	745
44×1	20.5	872	22.1	893	22.1	901
48×1	20.8	933	22.4	954	22.4	962
52×1	21.4	991	23.0	1012	23.0	1020
61×1	22.7	1137	24.3	1159	24.3	1167
2×1.5	7.0	101	8.6	116	8.2	111
3×1.5	7.4	124	9.0	139	8.6	133
4×1.5	8.1	150	9.7	166	9.3	160
5×1.5	8.8	176	10.4	194	10.0	188

7×1.5	9.5	212	11.1	231	10.7	224
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续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFRP 型电缆		KFGRP 型电缆		KFVRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
8×1.5	10.6	248	12.2	268	11.8	261
10×1.5	12.2	312	13.8	332	13.8	336
12×1.5	12.6	354	14.2	374	14.2	379
14×1.5	13.4	415	15.0	436	15.0	441
16×1.5	14.1	463	15.7	485	15.7	490
19×1.5	14.9	520	16.5	543	16.5	549
24×1.5	17.3	655	18.9	681	18.9	687
27×1.5	17.7	717	19.3	744	19.3	750
30×1.5	18.7	809	20.3	828	20.3	835
37×1.5	20.2	956	21.8	976	21.8	984
44×1.5	22.7	1135	24.3	1156	24.3	1165
48×1.5	23.0	1216	24.6	1238	24.6	1247
52×1.5	7.0	101	8.6	116	8.2	111
61×1.5	7.4	124	9.0	139	8.6	133
2×2.5	8.1	139	9.7	155	9.3	149
3×2.5	8.6	173	10.2	190	9.8	184
4×2.5	9.4	211	11.0	229	10.6	223
5×2.5	10.3	252	11.9	271	11.5	264
7×2.5	11.4	314	13.0	333	12.4	320
8×2.5	12.9	382	14.5	403	14.5	407
10×2.5	14.6	468	16.2	491	16.2	496
12×2.5	15.1	534	16.7	558	16.7	563
14×2.5	15.8	604	17.4	628	17.4	634
16×2.5	16.7	678	18.3	703	18.3	709
19×2.5	18.0	790	19.6	808	19.2	798
24×2.5	21.0	997	22.6	1018	22.6	1026
27×2.5	21.5	1095	23.1	1116	23.1	1124
30×2.5	22.3	1198	23.9	1219	23.9	1228

37×2.5	24.2	1451	25.8	1474	25.8	1483
44×2.5	27.3	1725	28.9	1750	28.9	1761
48×2.5	28.1	1892	29.9	1917	29.9	1930
52×2.5	8.1	139	9.7	155	9.3	149
61×2.5	8.6	173	10.2	190	9.8	184

4、KFFP、KFGP、KFVP 型 电 缆 Copper conductor Fluorine plastic insulated High-temperature resistant control cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP 型电缆		KFGP 型电缆		KFVP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.75	5.4	62	7.2	78	6.8	81
3×0.75	5.7	74	7.5	91	7.1	94
4×0.75	6.2	89	8.0	107	7.6	109
5×0.75	6.9	109	8.5	123	8.1	125
7×0.75	7.4	129	9.0	144	8.6	139
8×0.75	8.2	150	9.8	166	9.4	165
10×0.75	9.2	182	10.8	200	10.4	201
12×0.75	9.5	205	11.1	223	10.7	223
14×0.75	9.9	229	11.5	249	11.1	248
16×0.75	10.4	255	12.0	275	11.6	275
19×0.75	11.0	287	12.6	308	12.2	300
24×0.75	13.1	384	14.7	405	14.7	417
27×0.75	13.4	418	15.0	439	15.0	451
30×0.75	13.8	454	15.4	476	15.4	487
37×0.75	14.9	535	16.5	558	16.5	563
44×0.75	16.7	633	18.3	659	18.3	672
48×0.75	16.9	677	18.5	703	18.5	715
52×0.75	17.4	720	19.0	746	19.0	752
61×0.75	18.4	825	20.4	870	20.4	877
2×1	6.0	75	7.8	93	7.4	97
3×1	6.3	90	8.1	109	7.7	112
4×1	7.0	114	8.6	129	8.2	132
5×1	7.6	133	9.2	149	8.8	153
7×1	8.2	160	9.8	176	9.4	170
8×1	9.1	186	10.7	204	10.3	204

10×1	10.2	226	11.8	245	11.4	248
12×1	10.5	255	12.1	275	11.7	276
14×1	11.1	289	12.7	310	12.3	311
16×1	11.8	329	13.4	349	13.4	362
19×1	12.5	371	14.1	391	14.1	396
24×1	14.7	483	16.3	506	16.3	521
27×1	15.0	527	16.6	551	16.6	564

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP 型电缆		KFGP 型电缆		KFVP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
30×1	15.5	575	17.1	599	17.1	613
37×1	16.7	679	18.3	704	18.3	710
44×1	19.1	831	20.7	850	20.7	867
48×1	19.4	889	21.0	908	21.0	924
52×1	20.0	946	21.6	966	21.6	974
61×1	21.2	1086	22.8	1106	22.8	1115
2×1.5	6.7	96	8.3	110	7.9	117
3×1.5	7.0	117	8.6	132	8.2	137
4×1.5	7.6	142	9.2	157	8.8	163
5×1.5	8.3	167	9.9	184	9.5	190
7×1.5	8.9	202	10.5	220	10.1	214
8×1.5	10.0	237	11.6	256	11.2	257
10×1.5	11.4	296	13.0	315	12.4	314
12×1.5	11.8	338	13.4	357	13.4	372
14×1.5	12.4	382	14.0	402	14.0	418
16×1.5	13.2	442	14.8	463	14.8	480
19×1.5	13.9	498	15.5	520	15.5	525
24×1.5	16.2	627	17.8	652	17.8	669
27×1.5	16.5	687	18.1	712	18.1	729
30×1.5	17.1	751	18.7	777	18.7	794
37×1.5	18.9	918	20.5	937	20.5	945
44×1.5	21.1	1087	22.7	1108	22.7	1128
48×1.5	21.5	1168	23.1	1189	23.1	1208
52×1.5	22.1	1244	23.7	1265	23.7	1274
61×1.5	23.4	1432	25.0	1454	25.0	1464

2×2.5	7.7	131	9.3	147	8.9	159
3×2.5	8.1	164	9.7	180	9.3	190
4×2.5	8.8	200	10.4	218	10.0	228
5×2.5	9.6	239	11.2	258	10.8	270
7×2.5	10.4	294	12.0	314	11.6	306

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP 型电缆		KFGP 型电缆		KFVP 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
8×2.5	11.9	352	13.5	371	13.5	387
10×2.5	13.6	446	15.2	468	15.2	491
12×2.5	14.1	511	15.7	533	15.7	555
14×2.5	14.8	580	16.4	603	16.4	625
16×2.5	15.6	650	17.2	674	17.2	698
19×2.5	16.4	736	18.0	761	18.0	767
24×2.5	19.6	957	21.2	977	21.2	1002
27×2.5	20.0	1052	21.6	1072	21.6	1096
30×2.5	20.7	1151	22.3	1172	22.3	1197
37×2.5	22.4	1372	24.0	1394	24.0	1403
44×2.5	25.3	1659	26.9	1683	26.9	1710
48×2.5	25.8	1786	27.4	1810	27.4	1836
52×2.5	26.5	1905	28.1	1929	28.1	1940
61×2.5	28.5	2238	30.3	2262	30.3	2275
2×4	8.8	174	10.4	191	10.0	193
3×4	9.3	231	10.9	249	10.5	255
4×4	10.2	292	11.8	312	11.4	321
5×4	11.3	361	12.9	379	12.3	386
7×4	12.4	431	14.0	451	14.0	456
8×4	14.1	534	15.7	557	15.7	562
10×4	15.9	633	17.5	658	17.5	671
12×4	16.4	738	18.0	763	18.0	781
14×4	17.3	847	18.9	874	18.9	896
2×6	9.8	226	11.4	245	11.0	249

3×6	10.4	307	12.0	327	11.6	335
4×6	11.6	398	13.2	417	13.2	443
5×6	12.9	499	14.5	519	14.5	550
7×6	14.1	600	15.7	622	15.7	627
8×6	15.8	718	17.4	743	17.4	748
10×6	18.3	882	19.9	901	19.9	918
12×6	19.0	1032	20.6	1051	20.6	1074
14×6	19.9	1184	21.5	1204	21.5	1232

5、KFFP2、KFGP2、KFVP2 型电缆 Copper conductor Fluorine plastic insulated

High-temperature resistant control cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP2 型电缆		KFGP2 型电缆		KFVP2 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.75	4.9	52	6.7	67	6.3	71
3×0.75	5.2	64	7.0	80	6.6	82
4×0.75	5.7	77	7.5	94	7.1	96
5×0.75	6.2	91	8.0	110	7.6	112
7×0.75	6.9	115	8.5	130	8.1	125
8×0.75	7.7	134	9.3	150	8.9	149
10×0.75	8.7	164	10.3	182	9.9	183
12×0.75	9.0	187	10.6	205	10.2	205
14×0.75	9.4	211	11.0	229	10.6	229
16×0.75	9.9	236	11.5	255	11.1	255
19×0.75	10.5	266	12.1	286	11.7	279
24×0.75	12.4	344	14.0	364	14.0	376
27×0.75	12.7	378	14.3	398	14.3	409
30×0.75	13.1	412	14.7	433	14.7	444
37×0.75	14.2	489	15.8	512	15.8	517
44×0.75	16.0	582	17.6	607	17.6	620
48×0.75	16.2	625	17.8	650	17.8	662
52×0.75	16.7	666	18.3	692	18.3	698
61×0.75	17.7	769	19.3	795	19.3	802
2×1	5.5	64	7.3	81	6.9	85
3×1	5.8	79	7.6	96	7.2	100
4×1	6.5	101	8.1	115	7.7	119
5×1	7.1	119	8.7	134	8.3	138
7×1	7.7	144	9.3	160	8.9	154
8×1	8.6	169	10.2	186	9.8	186
10×1	9.7	206	11.3	225	10.9	228
12×1	10.0	235	11.6	255	11.2	256
14×1	10.6	268	12.2	288	11.8	290
16×1	11.1	299	12.7	320	12.3	322
19×1	12.0	347	13.6	367	13.6	371

24×1	14.0	439	15.6	461	15.6	475
27×1	14.3	482	15.9	504	15.9	517

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP2 型电缆		KFGP2 型电缆		KFVP2 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
30×1	14.8	528	16.4	551	16.4	565
37×1	16.0	628	17.6	652	17.6	658
44×1	18.4	772	20.0	791	19.6	790
48×1	18.7	830	20.3	849	20.3	864
52×1	19.3	885	20.9	904	20.9	912
61×1	20.5	1021	22.1	1041	22.1	1049
2×1.5	6.0	79	7.8	97	7.4	104
3×1.5	6.5	104	8.1	118	7.7	124
4×1.5	7.1	127	8.7	142	8.3	148
5×1.5	7.8	152	9.4	168	9.0	174
7×1.5	8.4	186	10.0	203	9.6	197
8×1.5	9.5	218	11.1	237	10.7	238
10×1.5	10.7	267	12.3	288	11.9	292
12×1.5	11.1	307	12.7	329	12.3	332
14×1.5	11.9	358	13.5	378	13.5	393
16×1.5	12.5	402	14.1	422	14.1	439
19×1.5	13.2	456	14.8	477	14.8	482
24×1.5	15.5	578	17.1	602	17.1	619
27×1.5	15.8	636	17.4	661	17.4	677
30×1.5	16.4	699	18.0	724	18.0	741
37×1.5	17.8	835	19.4	862	19.4	869
44×1.5	20.4	1022	22.0	1043	22.0	1063
48×1.5	20.8	1102	22.4	1122	22.4	1141
52×1.5	21.4	1176	23.0	1197	23.0	1205
61×1.5	22.7	1360	24.3	1382	24.3	1391
2×2.5	7.2	117	8.8	132	8.4	144
3×2.5	7.6	148	9.2	164	8.8	175

4×2.5	8.3	184	9.9	201	9.5	211
5×2.5	9.1	221	10.7	239	10.3	251
7×2.5	9.9	274	11.5	293	11.1	286

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	KFFP2 型电缆		KFGP2 型电缆		KFVP2 型电缆	
	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
8×2.5	11.4	329	13.0	348	12.4	347
10×2.5	12.9	405	14.5	426	14.5	448
12×2.5	13.4	468	15.0	490	15.0	511
14×2.5	14.1	535	15.7	557	15.7	578
16×2.5	14.9	603	16.5	626	16.5	650
19×2.5	15.7	686	17.3	711	17.3	716
24×2.5	18.9	897	20.5	916	20.5	942
27×2.5	19.3	991	20.9	1010	20.9	1034
30×2.5	20.0	1088	21.6	1108	21.6	1132
37×2.5	21.7	1303	23.3	1324	23.3	1333
44×2.5	24.4	1552	26.0	1575	26.0	1602
48×2.5	24.9	1676	26.5	1700	26.5	1726
52×2.5	25.6	1792	27.2	1816	27.2	1826
61×2.5	27.2	2079	28.8	2104	28.8	2115
2×4	8.3	157	9.9	174	9.5	176
3×4	8.8	213	10.4	231	10.0	237
4×4	9.7	273	11.3	292	10.9	301
5×4	10.6	332	12.2	352	11.8	365
7×4	11.9	407	13.5	427	13.5	431
8×4	13.4	492	15.0	513	15.0	518
10×4	15.2	585	16.8	608	16.8	622
12×4	15.7	688	17.3	712	17.3	730
14×4	16.6	794	18.2	820	18.2	842
2×6	9.3	208	10.9	226	10.5	230
3×6	9.9	287	11.5	306	11.1	315
4×6	10.9	369	12.5	389	12.1	403
5×6	12.2	460	13.8	479	13.8	510
7×6	13.4	557	15.0	579	15.0	583

8×6	15.1	670	16.7	694	16.7	699
10×6	17.2	802	18.8	828	18.8	845
12×6	18.3	974	19.9	992	19.9	1015
14×6	19.2	1123	20.8	1142	20.8	1171

6、KFV22 型电缆 Copper conductor Fluorine plastic insulated High-temperature resistant control cable

KFV22 型电缆			KFV22 型电缆		
芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable	芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	电缆近似外径 Approximate overall diameter of cable mm	电缆近似重量 kg/km Approximate the weight of cable
2×0.75	9.0	135	2×1	9.6	155
3×0.75	9.3	151	3×1	9.9	173
4×0.75	9.8	171	4×1	10.4	197
5×0.75	10.3	191	5×1	11.0	222
7×0.75	10.8	216	7×1	11.6	254
8×0.75	11.6	244	8×1	12.5	289
10×0.75	12.6	285	10×1	13.6	339
12×0.75	12.9	311	12×1	13.9	371
14×0.75	13.3	340	14×1	14.5	411
16×0.75	13.8	370	16×1	15.0	448
19×0.75	14.4	408	19×1	15.7	496
24×0.75	16.1	497	24×1	17.7	608
27×0.75	16.4	533	27×1	18.0	655
30×0.75	16.8	572	30×1	18.5	706
37×0.75	17.9	661	37×1	20.1	837
44×0.75	20.1	791	44×1	22.1	979
48×0.75	20.3	836	48×1	22.4	1040
52×0.75	20.8	883	52×1	23.0	1101
61×0.75	21.8	997	61×1	24.2	1249
2×1.5	10.1	176	2×2.5	11.1	221
3×1.5	10.4	200	3×2.5	11.5	257
4×1.5	11.0	230	4×2.5	12.2	300

5×1.5	11.7	263	5×2.5	13.0	347
7×1.5	12.3	303	7×2.5	13.8	409
8×1.5	13.4	348	8×2.5	15.1	471
10×1.5	14.6	411	10×2.5	16.6	563
12×1.5	15.0	456	12×2.5	17.1	632

续上表:

KFV22 型电缆			KFV22 型电缆		
芯数×标称 截面 mm ² Number and nominal cross-sectiona l area of conductors	电缆近似外 径 Approximate overall diameter of cable mm	电缆近似重 重 kg/km Approximate the weight ofcabl e	芯数×标称截 面 mm ² Number and nominal cross-sectional area of conductors	电缆近似外 径 Approximate overall diameter of cable mm	电缆近似重 重 kg/km Approximate the weight ofcabl e
14×1.5	15.6	506	14×2.5	17.8	705
16×1.5	16.2	555	16×2.5	18.6	782
19×1.5	16.9	617	19×2.5	19.8	892
24×1.5	19.6	781	24×2.5	22.6	1109
27×1.5	19.9	843	27×2.5	23.0	1207
30×1.5	20.5	912	30×2.5	23.7	1311
37×1.5	21.9	1065	37×2.5	25.4	1544
44×1.5	24.1	1250	44×2.5	28.1	1820
48×1.5	24.5	1333	48×2.5	29.2	1989
52×1.5	25.1	1414	52×2.5	29.9	2113
61×1.5	26.4	1611	61×2.5	31.5	2418
2×4	12.2	274	2×6	13.2	336
3×4	12.7	336	3×6	13.8	422
4×4	13.6	405	4×6	14.8	515
5×4	14.5	475	5×6	15.9	610
7×4	15.6	555	7×6	17.1	720
8×4	17.1	655	8×6	18.8	852
10×4	18.9	767	10×6	21.3	1025
12×4	19.8	894	12×6	22.0	1179
14×4	20.7	1010	14×6	22.9	1338

硅橡胶绝缘计算机仪表电缆

The fourth chapter: silicone rubber insulated computer instrument cable

一、 产品标准 Standard

本产品根据企业标准设计、生产和检测。同时还可根据客户的特殊要求进行设计、生产和检测。

This product according to the enterprise standard design, production and testing. At the same time also can carry on a design, production and testing according to the special requirements of customers.

二、 适用范围 Applications

本产品适用于电子计算机系统、监控回路、自动化控制系统的信号传输及检测仪器、仪表连接用电缆。

This product is suitable for computer system, monitoring circuit, automatic control system of signal transmission and testing instruments, instrument connected with cable.

三、 使用特性 Operating characteristics

1、 额定电压：450/750V、300/500V。Rated voltage: 450/750V、300/500V。

2、 工作温度：硅橡胶绝缘计算机仪表电缆导体长期最高工作温度 180℃。

Cable working temperature: silicone rubber insulated Computer instrument cable conductor long allowed working temperature 180℃。

3、 硅橡胶绝缘计算机仪表电缆允许弯曲半径：

——有铠装或铜带屏蔽结构的电缆，应不小于电缆外径的 12 倍；

——有屏蔽层结构的软电缆，应不小于电缆外径的 6 倍。

Allowed bending radius of silicone rubber insulated cable:

——Armored cable or copper shielding structure, should be not less than 12 times of cable diameter,

——For shield flexible cable, shall be not less than 6 times of cable diameter.

四、 产品型号及名称 Type of cable

表 1 产品型号及名称

Table 1 Type of cable

序号	型号 Type	名称 Designation
1	DJGGP	铜芯硅橡胶绝缘编织总屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding overall screen computer instrument cable
2	DJGPG	铜芯硅橡胶绝缘编织分屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding individual screen computer instrument cable
3	DJGPGP	铜芯硅橡胶绝缘编织分屏蔽及总屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding individual screen and overall screen computer instrument cable
4	DJGGP22	铜芯硅橡胶绝缘编织总屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding overall screen steel tape armoured computer instrument cable
5	DJGPG22	铜芯硅橡胶绝缘编织分屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding individual screen steel tape armoured computer instrument cable
6	DJGPGP22	铜芯硅橡胶绝缘编织分屏蔽及总屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath braiding individual screen and overall screen steel tape armoured computer instrument cable
7	DJGGP2	铜芯硅橡胶绝缘铜带总屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape overall screen computer instrument cable
8	DJGP2G	铜芯硅橡胶绝缘铜带分屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape individual screen computer instrument cable
9	DJGP2GP2	铜芯硅橡胶绝缘铜带分屏蔽及总屏蔽硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape individual screen and overall screen computer instrument cable
10	DJGGP2-22	铜芯硅橡胶绝缘铜带总屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape overall screen steel tape armoured computer instrument cable
11	DJGP2G22	铜芯硅橡胶绝缘铜带分屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape individual screen steel tape armoured computer instrument cable
12	DJGP2GP2-22	铜芯硅橡胶绝缘铜带分屏蔽及总屏蔽钢带铠装硅橡胶护套计算机仪表电缆 Copper core Silicon rubber insulation and sheath copper tape individual screen and overall screen steel tape armoured computer instrument cable

13	DJGGRP	铜芯硅橡胶绝缘编织总屏蔽硅橡胶护套计算机仪表软电缆 Copper core Silicon rubber insulation and sheath braiding overall screen flexible computer instrument cable
14	DJGPGR	铜芯硅橡胶绝缘编织分屏蔽硅橡胶护套计算机仪表软电缆 Copper core Silicon rubber insulation and sheath braiding individual screen flexible computer instrument cable
15	DJGPGRP	铜芯硅橡胶绝缘编织分屏蔽及总屏蔽硅橡胶护套计算机仪表软电缆 Copper core Silicon rubber insulation and sheath braiding individual screen and overall screen flexible computer instrument cable
<p>备注：阻燃分为成束 A、B、C 类阻燃，分别表示为 ZA、ZB、ZC，一般不注明（ZR）等级则为 C 类。 Note: flame retardant is divided into bundles of A, B, C flame retardant, are expressed as ZA, ZB,ZC, generally does not indicate (ZR) level for the C class.</p>		

五、 电缆结构尺寸 Cable structure size

1、 DJGPG 、 DJGP2G 、 DJGPGR 型 电 缆 Silicon rubber insulation and sheath computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJGPG 型电缆		DJGP2G 型电缆		DJGPGR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似重 重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重重 kg/km Approximate the weight of cable
1×2×0.5	8.1	83	7.8	75	8.4	88
2×2×0.5	12.6	164	11.9	144	13.1	174
3×2×0.5	13.4	199	12.7	174	14.1	215
4×2×0.5	14.8	248	13.8	210	15.4	261
5×2×0.5	16.1	295	15.2	256	16.8	312
7×2×0.5	17.5	340	16.5	293	18.3	358
8×2×0.5	19.7	441	18.5	379	21.0	485
10×2×0.5	22.7	518	21.3	446	23.7	547
12×2×0.5	23.4	586	22.1	504	24.5	617
14×2×0.5	24.6	663	23.2	569	25.8	700
19×2×0.5	27.4	825	25.7	703	28.7	869
24×2×0.5	32.7	1094	30.1	896	34.3	1154
27×2×0.5	33.4	1196	30.8	981	35.0	1260
30×2×0.5	34.7	1309	32.6	1115	36.7	1410
37×2×0.5	37.9	1572	35.1	1306	39.7	1655
1×2×0.75	8.5	93	8.1	84	8.8	98
2×2×0.75	13.2	185	12.6	165	14.0	202
3×2×0.75	14.2	230	13.3	199	14.8	243
4×2×0.75	15.5	282	14.7	248	16.2	298
5×2×0.75	16.9	337	16.1	298	17.7	357
7×2×0.75	18.5	393	17.5	343	19.3	412
8×2×0.75	21.1	524	19.6	443	22.1	555
10×2×0.75	23.9	596	22.6	522	25.0	628
12×2×0.75	24.7	677	23.3	590	25.9	712
14×2×0.75	26.0	769	24.5	668	27.2	808
19×2×0.75	28.9	961	27.3	833	30.9	1047
24×2×0.75	34.6	1272	32.6	1104	36.6	1368
27×2×0.75	35.3	1392	33.3	1206	37.4	1494
30×2×0.75	37.0	1556	34.5	1320	38.8	1636
37×2×0.75	40.0	1835	37.7	1587	42.0	1926

1×2×1	8.8	103	8.5	93	9.1	108
2×2×1	14.0	211	13.1	183	14.6	223
3×2×1	14.8	256	13.9	223	15.5	271
4×2×1	16.2	315	15.4	280	17.0	334
5×2×1	17.7	379	16.8	336	18.6	402
7×2×1	19.3	444	18.3	391	20.2	465
8×2×1	22.1	591	20.6	506	23.2	625
10×2×1	25.0	673	23.7	594	26.3	708

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJGPG 型电缆		DJGP2G 型电缆		DJGPGR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似重 重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似重 重 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重重 kg/km Approximate the weight of cable
12×2×1	25.9	766	24.5	674	27.2	805
14×2×1	27.2	871	25.8	766	28.6	917
19×2×1	31.0	1134	28.7	959	32.5	1188
24×2×1	36.7	1477	34.3	1268	38.5	1549
27×2×1	37.5	1616	35.1	1389	39.4	1696
30×2×1	38.9	1772	36.4	1522	40.9	1860
37×2×1	42.0	2093	39.7	1831	44.2	2193
1×2×1.5	9.7	127	9.4	117	10.1	134
2×2×1.5	15.6	264	15.0	242	16.3	280
3×2×1.5	16.6	326	15.9	295	17.4	344
4×2×1.5	18.2	403	17.4	363	19.0	423
5×2×1.5	19.9	486	19.0	437	21.3	531
7×2×1.5	22.2	590	21.2	530	23.2	616
8×2×1.5	24.9	760	23.8	683	26.1	800
10×2×1.5	28.3	867	27.0	778	29.7	909
12×2×1.5	29.3	991	27.9	887	31.3	1078
14×2×1.5	31.4	1170	29.3	1010	32.9	1224
19×2×1.5	35.0	1470	33.4	1313	37.2	1566
24×2×1.5	41.6	1914	39.6	1711	43.7	2002
27×2×1.5	42.5	2101	40.4	1875	44.6	2197
30×2×1.5	44.1	2307	42.0	2057	46.3	2410
37×2×1.5	48.3	2794	45.4	2433	50.7	2916
1×2×2.5	10.5	159	10.2	148	11.0	167
2×2×2.5	17.1	333	16.4	306	17.9	351
3×2×2.5	18.2	416	17.4	380	19.1	438

4×2×2.5	19.9	517	19.1	473	21.4	563
5×2×2.5	22.3	648	21.4	593	23.4	679
7×2×2.5	24.3	768	23.3	701	25.6	800
8×2×2.5	27.4	986	26.3	901	28.9	1038
10×2×2.5	31.8	1173	29.8	1032	33.5	1226
12×2×2.5	32.9	1343	31.5	1224	34.6	1402
14×2×2.5	34.6	1532	33.1	1397	36.8	1632
19×2×2.5	39.0	1974	37.4	1799	41.1	2054
24×2×2.5	45.9	2523	43.9	2296	49.0	2691
27×2×2.5	47.5	2839	44.9	2527	50.1	2958
30×2×2.5	49.3	3117	46.6	2778	52.0	3250
37×2×2.5	53.3	3705	51.0	3369	56.3	3854

2、DJGGP、DJGGP2、DJGGRP 型电缆 Silicon rubber insulation and sheath computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJGGP 型电缆		DJGGP2 型电缆		DJGGRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
1×2×0.5	8.1	83	7.8	75	8.4	88
2×2×0.5	12.0	161	11.6	140	12.6	173
3×2×0.5	12.7	185	12.3	163	13.3	197
4×2×0.5	13.8	219	13.4	194	14.6	238
5×2×0.5	15.2	263	14.8	236	16.1	296
7×2×0.5	16.6	310	16.0	262	17.4	326
8×2×0.5	18.5	393	17.9	340	19.4	418
10×2×0.5	20.7	439	20.1	378	22.2	485
12×2×0.5	21.8	504	20.8	422	22.9	532
14×2×0.5	22.9	560	22.3	493	24.0	591
19×2×0.5	25.3	673	24.7	597	26.6	709
24×2×0.5	29.6	880	28.8	758	31.2	930
27×2×0.5	30.3	948	29.5	822	32.5	1041
30×2×0.5	31.4	1026	30.6	896	33.6	1124
37×2×0.5	34.4	1226	33.6	1083	36.2	1291
1×2×0.75	8.5	93	8.1	84	8.8	98
2×2×0.75	12.7	183	12.3	161	13.2	193
3×2×0.75	13.4	212	13.0	189	14.0	224
4×2×0.75	14.7	257	14.1	225	15.6	289
5×2×0.75	16.2	320	15.6	274	16.9	337
7×2×0.75	17.5	360	16.9	309	18.4	378
8×2×0.75	19.5	456	18.9	398	20.5	483
10×2×0.75	22.4	534	21.4	450	23.5	561
12×2×0.75	23.1	591	22.5	523	24.3	622
14×2×0.75	24.2	658	23.6	587	25.4	692
19×2×0.75	26.8	799	26.2	719	28.4	870
24×2×0.75	31.5	1046	30.7	915	33.8	1141
27×2×0.75	32.8	1171	31.4	996	34.5	1229
30×2×0.75	33.9	1267	32.5	1086	35.7	1331
37×2×0.75	36.5	1467	35.7	1315	38.9	1571
1×2×1	8.8	103	8.5	93	9.1	108
2×2×1	13.2	202	12.8	178	13.9	216

3×2×1	14.0	238	13.6	213	14.9	258
4×2×1	15.6	307	15.0	262	16.4	325
5×2×1	17.0	362	16.4	313	17.8	381
7×2×1	18.4	410	17.8	356	19.3	429
8×2×1	20.5	518	19.9	458	22.0	567
10×2×1	23.5	606	22.9	537	24.8	639
12×2×1	24.3	675	23.7	603	25.6	710

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section of conductors	DJGGP 型电缆		DJGGP2 型电缆		DJGGRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
14×2×1	25.5	756	24.9	680	26.8	793
19×2×1	28.5	957	27.7	839	30.0	1000
24×2×1	33.8	1249	32.4	1068	35.7	1311
27×2×1	34.5	1350	33.7	1207	36.4	1415
30×2×1	35.8	1467	35.0	1318	37.7	1536
37×2×1	39.0	1738	37.8	1544	41.3	1864
1×2×1.5	9.7	127	9.4	117	10.1	134
2×2×1.5	15.1	263	14.5	230	16.0	296
3×2×1.5	16.1	327	15.5	281	16.9	345
4×2×1.5	17.6	394	17.0	343	18.4	413
5×2×1.5	19.1	463	18.5	407	20.1	489
7×2×1.5	20.8	532	20.2	470	22.3	574
8×2×1.5	23.7	698	23.1	628	24.9	734
10×2×1.5	26.8	793	26.2	712	28.4	863
12×2×1.5	27.9	918	27.1	803	29.3	961
14×2×1.5	29.2	1030	28.4	910	30.8	1078
19×2×1.5	33.1	1308	31.7	1131	34.9	1365
24×2×1.5	39.1	1688	37.9	1493	41.4	1811
27×2×1.5	39.9	1828	39.1	1662	42.3	1959
30×2×1.5	41.6	2039	40.6	1819	43.8	2127
37×2×1.5	44.8	2374	43.8	2135	47.3	2475
1×2×2.5	10.5	159	10.2	148	11.0	167
2×2×2.5	16.7	348	16.1	300	17.5	367
3×2×2.5	17.7	418	17.1	366	18.6	439
4×2×2.5	19.3	506	18.7	450	20.4	534
5×2×2.5	21.1	604	20.5	542	22.6	652

$7 \times 2 \times 2.5$	23.4	724	22.8	655	24.6	752
$8 \times 2 \times 2.5$	26.2	917	25.6	839	27.9	997
$10 \times 2 \times 2.5$	29.8	1081	29.0	958	31.5	1130
$12 \times 2 \times 2.5$	30.8	1219	30.0	1091	33.2	1314
$14 \times 2 \times 2.5$	33.0	1419	31.6	1242	34.9	1481
$19 \times 2 \times 2.5$	36.7	1761	35.9	1608	39.2	1862
$24 \times 2 \times 2.5$	43.6	2320	42.6	2088	46.1	2414
$27 \times 2 \times 2.5$	44.5	2526	43.5	2288	47.1	2626
$30 \times 2 \times 2.5$	46.2	2757	45.2	2510	48.9	2867
$37 \times 2 \times 2.5$	50.5	3302	48.9	2970	53.4	3425

3、DJGPGP、DJGP2GP2、DJGPGRP 型电缆 Silicon rubber insulation and sheath computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJGPGP 型电缆		DJGP2GP2 型电缆		DJGPGRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight ofc able	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight ofc able	电缆近 似外径 Approximate overall diameter of cable/m m	电缆近似 重量 kg/km Approximate the weight ofca ble
1×2×0.5	8.1	83	7.8	75	8.4	88
2×2×0.5	13.2	205	12.1	160	13.9	222
3×2×0.5	14.2	248	12.9	191	14.9	277
4×2×0.5	15.6	313	14.0	229	16.2	330
5×2×0.5	16.9	367	15.4	278	17.6	387
7×2×0.5	18.3	419	16.7	317	19.1	441
8×2×0.5	20.9	548	18.7	406	21.8	580
10×2×0.5	23.5	621	21.5	477	24.5	654
12×2×0.5	24.2	692	22.3	537	25.3	729
14×2×0.5	25.4	776	23.4	603	26.8	848
19×2×0.5	28.4	983	25.9	741	29.7	1035
24×2×0.5	33.7	1283	30.3	942	35.3	1353
27×2×0.5	34.4	1389	31.0	1028	36.4	1494
30×2×0.5	35.7	1510	32.8	1164	37.9	1665
37×2×0.5	39.1	1835	35.3	1360	40.9	1933
1×2×0.75	8.5	93	8.1	84	8.8	98
2×2×0.75	14.0	234	12.8	183	14.8	263
3×2×0.75	15.0	292	13.5	217	15.6	308
4×2×0.75	16.3	350	14.9	269	17.0	370
5×2×0.75	17.7	413	16.3	321	18.5	436
7×2×0.75	19.3	476	17.7	369	20.5	517
8×2×0.75	21.9	619	19.8	472	22.9	655
10×2×0.75	24.7	705	22.8	555	26.0	772
12×2×0.75	25.5	789	23.5	624	26.9	861
14×2×0.75	27.0	918	24.7	704	28.2	966
19×2×0.75	29.9	1129	27.5	874	31.9	1225
24×2×0.75	35.6	1472	32.8	1154	37.8	1622
27×2×0.75	36.7	1628	33.5	1257	38.6	1754
30×2×0.75	38.2	1813	34.7	1372	40.0	1906
37×2×0.75	41.2	2114	37.9	1644	43.2	2220

1×2×1	8.8	103	8.5	93	9.1	108
2×2×1	14.8	272	13.3	201	15.4	287
3×2×1	15.6	322	14.3	249	16.3	340
4×2×1	17.0	388	15.6	302	17.8	410
5×2×1	18.5	459	17.0	360	19.4	486
7×2×1	20.5	548	18.5	418	21.4	574
8×2×1	22.9	690	20.8	536	24.0	730
10×2×1	26.0	817	23.9	629	27.3	860
12×2×1	26.9	915	24.7	711	28.2	962

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section of conductors	DJGPGP 型电缆		DJGP2GP2 型电缆		DJGGRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
14×2×1	28.2	1028	26.0	805	29.6	1082
19×2×1	32.0	1312	28.9	1002	33.5	1375
24×2×1	37.9	1731	34.5	1320	39.7	1817
27×2×1	38.7	1877	35.3	1442	40.6	1971
30×2×1	40.1	2043	36.6	1578	42.1	2146
37×2×1	43.2	2387	39.9	1892	45.4	2504
1×2×1.5	9.7	127	9.4	117	10.1	134
2×2×1.5	16.4	334	15.2	263	17.1	352
3×2×1.5	17.4	400	16.1	318	18.2	422
4×2×1.5	19.0	485	17.6	388	19.8	509
5×2×1.5	21.1	594	19.2	465	22.1	627
7×2×1.5	23.0	690	21.4	561	24.0	721
8×2×1.5	25.9	903	24.0	719	27.1	950
10×2×1.5	29.3	1031	27.2	819	31.3	1121
12×2×1.5	30.9	1200	28.1	929	32.3	1258
14×2×1.5	32.4	1351	29.5	1055	33.9	1414
19×2×1.5	36.4	1703	33.6	1364	38.4	1825
24×2×1.5	42.8	2205	39.8	1772	44.9	2309
27×2×1.5	43.7	2399	40.6	1937	45.8	2510
30×2×1.5	45.3	2617	42.2	2122	48.1	2797
37×2×1.5	49.5	3132	45.6	2503	51.9	3272
1×2×2.5	10.5	159	10.2	148	11.0	167
2×2×2.5	17.9	410	16.6	329	18.7	432
3×2×2.5	19.0	498	17.6	405	19.9	524

4×2×2.5	21.1	625	19.3	501	22.2	660
5×2×2.5	23.1	749	21.6	624	24.2	786
7×2×2.5	25.1	879	23.5	736	26.6	947
8×2×2.5	28.4	1145	26.5	941	30.5	1244
10×2×2.5	32.8	1356	30.0	1077	34.5	1419
12×2×2.5	33.9	1533	31.7	1272	35.6	1602
14×2×2.5	36.0	1763	33.3	1447	38.0	1887
19×2×2.5	40.2	2246	37.6	1856	42.3	2342
24×2×2.5	47.7	2907	44.1	2364	50.2	3035
27×2×2.5	48.7	3171	45.1	2596	51.3	3309
30×2×2.5	50.5	3463	46.8	2850	53.2	3615
37×2×2.5	54.5	4080	51.2	3447	57.5	4251

氟塑料绝缘计算机仪表电缆

The fifth chapter: fluorine plastic insulation computer instrument cable

一、 产品标准 Standard

本产品根据企业标准设计、生产和检测。同时还可根据客户的特殊要求进行设计、生产和检测。

This product according to the enterprise standard design, production and testing. At the same time also can carry on a design, production and testing according to the special requirements of customers.

二、 适用范围 Applications

本产品适用于电子计算机系统、监控回路、自动化控制系统的信号传输及检测仪器、仪表连接用电缆。

This product is suitable for computer system, monitoring circuit, automatic control system of signal transmission and testing instruments, instrument connected with cable.

三、 使用特性 Operating characteristics

1、 额定电压：450/750V、300/500V。Rated voltage: 450/750V、300/500V。

2、 电缆工作温度：氟塑料绝缘氟塑料护套计算机仪表电缆导体长期最高工作温度 200℃。

Cable working temperature: fluorine plastic insulation and sheathed Computer instrument cable conductor long allowed working temperature 200℃。

3、 氟塑料绝缘计算机仪表电缆的允许弯曲半径：

——有铠装或铜带屏蔽结构的电缆，应不小于电缆外径的 15 倍；

——有屏蔽层结构的软电缆，应不小于电缆外径的 8 倍。

Allowed bending radius of fluorine plastic insulation cable:

——Armored cable or copper shielding structure, should be not less than 15 times of cable diameter,

——For shield flexible cable, shall be not less than 8 times of cable diameter.

四、 产品型号及名称 Type of cable

表 1 产品型号及名称

Table 1 Type of cable

序号	型号 Type	名称 Designation
1	DJFFP	铜芯氟塑料绝缘编织总屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed braiding overall screen computer instrument cable
2	DJFPF	铜芯氟塑料绝缘编织分屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed braiding individual screen computer instrument cable
3	DJFFFP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed braiding individual screen and overall screen computer instrument cable
4	DJFFP2	铜芯氟塑料绝缘铜带总屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed copper tape overall screen computer instrument cable
5	DJFP2F	铜芯氟塑料绝缘铜带分屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed copper tape individual screen computer instrument cable
6	DJFP2FP2	铜芯氟塑料绝缘铜带分屏蔽及总屏蔽氟塑料护套计算机仪表电缆 Copper core fluorine plastic insulation and sheathed copper tape individual screen and overall screen computer instrument cable
7	DJFFRP	铜芯氟塑料绝缘编织总屏蔽氟塑料护套计算机仪表软电缆 Copper core fluorine plastic insulation and sheathed braiding overall screen flexible computer instrument cable
8	DJFFFR	铜芯氟塑料绝缘编织分屏蔽氟塑料护套计算机仪表软电缆 Copper core fluorine plastic insulation and sheathed braiding individual screen flexible computer instrument cable
9	DJFFFRP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽氟塑料护套计算机仪表软电缆 Copper core fluorine plastic insulation and sheathed braiding individual screen and overall screen flexible computer instrument cable
10	DJFGP	铜芯氟塑料绝缘编织总屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding overall screen computer instrument cable
11	DJFGP	铜芯氟塑料绝缘编织分屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding individual screen computer instrument cable
12	DJFGP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding individual screen and overall screen computer instrument cable
13	DJFGP2	铜芯氟塑料绝缘铜带总屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon

		rubber sheathed copper tape overall screen computer instrument cable
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续上表:

序号	型号 Type	名称 Designation
14	DJFP2G	铜芯氟塑料绝缘铜带分屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon rubber sheathed copper tape individual screen computer instrument cable
15	DJFP2GP2	铜芯氟塑料绝缘铜带分屏蔽及总屏蔽硅橡胶护套计算机仪表电缆 Copper core fluorine plastic insulation and silicon rubber sheathed copper tape individual screen and overall screen computer instrument cable
16	DJFGRP	铜芯氟塑料绝缘编织总屏蔽硅橡胶护套计算机仪表软电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding overall screen flexible computer instrument cable
17	DJFPGR	铜芯氟塑料绝缘编织分屏蔽硅橡胶护套计算机仪表软电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding individual screen flexible computer instrument cable
18	DJFPGRP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽硅橡胶护套计算机仪表软电缆 Copper core fluorine plastic insulation and silicon rubber sheathed braiding individual screen and overall screen flexible computer instrument cable
19	DJFVP	铜芯氟塑料绝缘编织总屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding overall screen computer instrument cable
20	DJFPV	铜芯氟塑料绝缘编织分屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen computer instrument cable
21	DJFPVP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen and overall screen computer instrument cable
22	DJFVP22	铜芯氟塑料绝缘编织总屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding overall screen steel tape armoured computer instrument cable
23	DJFPV22	铜芯氟塑料绝缘编织分屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen steel tape

		armoured computer instrument cable
24	DJFPVP22	铜芯氟塑料绝缘编织分屏蔽及总屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen and overall screen steel tape armoured computer instrument cable
25	DJFVP2	铜芯氟塑料绝缘铜带总屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape overall screen computer instrument cable
26	DJFP2V	铜芯氟塑料绝缘铜带分屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape individual screen computer instrument cable
27	DJFP2VP2	铜芯氟塑料绝缘铜带分屏蔽及总屏蔽聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape individual screen and overall screen computer instrument cable
28	DJFVP2-22	铜芯氟塑料绝缘铜带总屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape overall screen steel tape armoured computer instrument cable
29	DJFP2V22	铜芯氟塑料绝缘铜带分屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape individual screen steel tape armoured computer instrument cable
30	DJFP2VP2-22	铜芯氟塑料绝缘铜带分屏蔽及总屏蔽钢带铠装聚氯乙烯护套计算机仪表电缆 Copper core fluorine plastic insulation and PVC sheathed copper tape individual screen and overall screen steel tape armoured computer instrument cable
31	DJFVRP	铜芯氟塑料绝缘编织总屏蔽聚氯乙烯护套计算机仪表软电缆 Copper core fluorine plastic insulation and PVC sheathed braiding overall screen flexible computer instrument cable
32	DJFPVR	铜芯氟塑料绝缘编织分屏蔽聚氯乙烯护套计算机仪表软电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen flexible computer instrument cable
33	DJFPVRP	铜芯氟塑料绝缘编织分屏蔽及总屏蔽聚氯乙烯护套计算机仪表软电缆 Copper core fluorine plastic insulation and PVC sheathed braiding individual screen and overall screen flexible computer instrument cable
<p>备注：阻燃分为成束 A、B、C 类阻燃，分别表示为 ZA、ZB、ZC，一般不注明（ZR）等级则为 C 类。 Note: flame retardant is divided into bundles of A, B, C flame retardant, are expressed as ZA, ZB,ZC, generally does not indicate (ZR) level for the C class.</p>		

五、 电缆结构尺寸 Cable structure size

1、 DJFPF、DJFP2F、DJFPFR 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFPF 型电缆		DJFP2F 型电缆		DJFPFR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
1×2×0.5	4.3	35	4.6	41	5.2	51
2×2×0.5	8.5	103	7.8	89	9.0	111
3×2×0.5	9.0	128	8.3	111	9.6	138
4×2×0.5	9.9	160	9.1	137	10.6	172
5×2×0.5	10.9	193	10.0	165	11.6	208
7×2×0.5	12.0	233	11.0	199	12.9	257
8×2×0.5	13.7	303	12.4	251	14.6	326
10×2×0.5	15.6	352	14.3	300	16.9	388
12×2×0.5	16.2	403	14.8	344	17.5	443
14×2×0.5	17.3	473	15.6	392	18.4	505
19×2×0.5	19.3	600	17.4	498	20.6	639
1×2×0.75	4.7	43	4.9	49	5.6	60
2×2×0.75	9.1	121	8.4	106	9.7	131
3×2×0.75	9.7	154	9.0	134	10.3	164
4×2×0.75	10.7	192	9.9	168	11.4	205
5×2×0.75	11.7	232	10.9	203	12.7	257
7×2×0.75	13.1	291	11.9	246	13.9	308
8×2×0.75	14.8	367	13.6	317	15.7	390
10×2×0.75	17.1	437	15.5	369	18.2	465
12×2×0.75	17.7	502	16.1	426	18.8	533
14×2×0.75	18.6	573	16.9	486	19.8	609
19×2×0.75	20.8	731	19.2	635	22.4	789

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPF 型电缆		DJFP2F 型电缆		DJFPFR 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×1	5.2	53	5.5	61	6.1	72
2×2×1	10.0	146	9.4	131	10.7	158
3×2×1	10.7	187	10.0	166	11.4	200
4×2×1	11.8	234	11.0	207	12.8	259
5×2×1	13.2	294	12.1	252	14.0	312
7×2×1	14.5	357	13.5	316	15.4	377
8×2×1	16.4	450	15.3	398	17.7	492
10×2×1	18.9	535	17.6	474	20.2	569
12×2×1	19.6	617	18.2	544	20.9	653
14×2×1	20.7	706	19.2	623	22.2	763
19×2×1	23.4	919	21.5	796	24.9	969
1×2×1.5	5.7	67	6.0	76	6.7	88
2×2×1.5	10.9	179	10.3	162	11.6	192
3×2×1.5	11.7	232	11.0	209	12.6	254
4×2×1.5	13.1	301	12.1	262	14.0	320
5×2×1.5	14.4	366	13.5	328	15.4	389
7×2×1.5	15.8	448	14.8	403	17.1	483
8×2×1.5	18.1	575	16.8	505	19.4	612
10×2×1.5	20.7	671	19.4	603	22.3	723
12×2×1.5	21.7	792	20.1	697	23.1	832
14×2×1.5	22.9	907	21.2	799	24.4	955
19×2×1.5	25.6	1162	24.0	1043	27.6	1238
1×2×2.5	6.7	96	7.0	107	8.0	128
2×2×2.5	12.9	258	12.1	230	13.8	276
3×2×2.5	13.8	335	13.1	307	14.7	353
4×2×2.5	15.3	425	14.5	389	16.3	447
5×2×2.5	17.1	531	16.0	476	18.2	559
7×2×2.5	18.7	652	17.7	599	20.0	682
8×2×2.5	21.4	832	20.1	749	22.9	879
10×2×2.5	24.5	973	23.0	877	26.4	1040
12×2×2.5	25.6	1146	24.0	1034	27.4	1201

14×2×2.5	27.0	1316	25.4	1188	28.9	1378
19×2×2.5	30.5	1714	28.7	1552	32.6	1789

2、DJFFP、DJFFP2、DJFFRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFFP 型电缆		DJFFP2 型电缆		DJFFRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/m	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	4.9	47	4.6	41	5.2	51
2×2×0.5	7.9	101	7.3	81	8.4	109
3×2×0.5	8.4	120	8.0	104	9.0	130
4×2×0.5	9.1	144	8.7	126	9.8	155
5×2×0.5	10.0	171	9.6	151	10.7	183
7×2×0.5	10.8	199	10.4	177	11.6	212
8×2×0.5	12.1	246	11.7	222	13.2	273
10×2×0.5	13.9	293	13.5	265	15.1	330
12×2×0.5	14.6	346	14.0	301	15.7	370
14×2×0.5	15.3	387	14.7	340	16.4	414
19×2×0.5	17.0	479	16.4	426	18.5	522
1×2×0.75	5.3	56	4.9	49	5.6	60
2×2×0.75	8.5	119	8.1	103	9.1	129
3×2×0.75	9.1	145	8.7	127	9.7	155
4×2×0.75	9.9	175	9.5	156	10.6	187
5×2×0.75	10.8	207	10.4	186	11.5	220
7×2×0.75	11.7	245	11.3	222	12.6	259
8×2×0.75	13.4	313	12.8	278	14.5	350
10×2×0.75	15.3	379	14.7	331	16.5	404
12×2×0.75	15.8	427	15.2	378	17.0	453
14×2×0.75	16.6	481	16.0	429	18.1	522
19×2×0.75	18.7	612	17.9	541	20.1	646

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFFP 型电缆		DJFFP2 型电缆		DJFFRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
1×2×1	5.8	68	5.5	61	6.1	72
2×2×1	9.5	146	9.1	127	10.1	156
3×2×1	10.1	177	9.7	158	10.7	188
4×2×1	11.0	215	10.6	194	11.8	230
5×2×1	12.0	256	11.6	232	12.9	274
7×2×1	13.3	314	12.7	279	14.5	349
8×2×1	15.2	408	14.6	361	16.3	436
10×2×1	17.2	472	16.6	418	18.6	512
12×2×1	18.0	546	17.2	478	19.3	577
14×2×1	18.9	615	18.3	556	20.3	651
19×2×1	21.1	770	20.5	703	22.6	809
1×2×1.5	6.3	83	6.0	76	6.7	88
2×2×1.5	10.4	179	10.0	159	11.1	191
3×2×1.5	11.0	220	10.6	198	11.8	234
4×2×1.5	12.1	271	11.7	247	13.2	297
5×2×1.5	13.5	335	12.9	300	14.6	371
7×2×1.5	14.9	419	14.3	373	15.9	439
8×2×1.5	16.7	516	16.1	464	18.2	562
10×2×1.5	19.2	615	18.6	554	20.6	647
12×2×1.5	19.9	698	19.3	635	21.3	733
14×2×1.5	20.9	791	20.3	725	22.4	830
19×2×1.5	23.5	1013	22.7	923	25.3	1060
1×2×2.5	7.3	116	7.0	107	8.0	128
2×2×2.5	12.2	249	11.8	225	13.2	273
3×2×2.5	13.2	322	12.6	288	14.3	357
4×2×2.5	14.7	417	14.1	371	15.7	439
5×2×2.5	16.1	500	15.5	450	17.2	526
7×2×2.5	17.8	617	17.0	550	19.1	644
8×2×2.5	20.0	762	19.4	699	21.5	804
10×2×2.5	23.0	906	22.2	818	24.7	949
12×2×2.5	23.8	1035	23.2	960	25.6	1082

14×2×2.5	25.1	1178	24.5	1098	27.3	1280
19×2×2.5	28.4	1548	27.4	1406	30.5	1611

3、DJFFFP、DJFP2FP2、DJFFFRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFFFP 型电缆		DJFP2FP2 型电缆		DJFFFRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
1×2×0.5	4.9	47	4.6	41	5.2	51
2×2×0.5	9.1	134	8.0	100	9.6	143
3×2×0.5	9.6	161	8.5	123	10.2	173
4×2×0.5	10.5	195	9.3	151	11.2	211
5×2×0.5	11.5	233	10.2	181	12.4	258
7×2×0.5	12.8	285	11.2	216	13.7	320
8×2×0.5	14.5	370	12.6	270	15.4	397
10×2×0.5	16.4	427	14.5	323	17.7	470
12×2×0.5	17.2	494	15.0	367	18.3	528
14×2×0.5	18.1	556	15.8	417	19.2	595
19×2×0.5	20.1	693	17.8	538	21.6	754
1×2×0.75	5.3	56	4.9	49	5.6	60
2×2×0.75	9.7	154	8.6	119	10.3	166
3×2×0.75	10.3	189	9.2	148	10.9	201
4×2×0.75	11.3	231	10.1	183	12.0	247
5×2×0.75	12.5	283	11.1	220	13.5	319
7×2×0.75	13.9	355	12.1	265	14.7	376
8×2×0.75	15.6	439	13.8	339	16.7	478
10×2×0.75	17.9	520	15.7	394	19.0	553
12×2×0.75	18.5	588	16.3	451	19.6	624
14×2×0.75	19.4	664	17.1	513	20.6	705
19×2×0.75	21.8	847	19.4	665	23.2	898

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPP 型电缆		DJFP2FP2 型电缆		DJPFPRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×1	5.8	68	5.5	61	6.1	72
2×2×1	10.6	183	9.6	145	11.3	197
3×2×1	11.3	226	10.2	181	12.0	241
4×2×1	12.6	286	11.2	224	13.6	321
5×2×1	14.0	358	12.3	270	14.8	380
7×2×1	15.3	428	13.7	337	16.2	452
8×2×1	17.4	542	15.5	422	18.5	578
10×2×1	19.7	627	17.8	501	21.0	667
12×2×1	20.4	712	18.4	573	21.9	770
14×2×1	21.7	822	19.4	653	23.0	870
19×2×1	24.2	1033	21.7	830	26.1	1139
1×2×1.5	6.3	83	6.0	76	6.7	88
2×2×1.5	11.5	219	10.5	178	12.4	242
3×2×1.5	12.5	283	11.2	226	13.4	315
4×2×1.5	13.9	365	12.3	281	14.8	388
5×2×1.5	15.2	436	13.7	349	16.2	464
7×2×1.5	16.8	536	15.0	426	17.9	565
8×2×1.5	18.9	663	17.0	531	20.2	706
10×2×1.5	21.7	787	19.6	634	23.1	831
12×2×1.5	22.5	897	20.3	729	23.9	945
14×2×1.5	23.7	1018	21.4	832	25.4	1104
19×2×1.5	26.6	1318	24.2	1081	28.6	1407
1×2×2.5	7.3	116	7.0	107	8.0	128
2×2×2.5	13.7	321	12.3	248	14.6	343
3×2×2.5	14.6	402	13.3	327	15.5	425
4×2×2.5	16.1	499	14.7	412	17.3	539
5×2×2.5	17.9	614	16.2	501	19.0	648
7×2×2.5	19.5	743	17.9	626	20.8	779
8×2×2.5	22.2	936	20.3	780	23.7	990
10×2×2.5	25.7	1140	23.4	930	27.4	1201

12×2×2.5	26.6	1302	24.2	1072	28.4	1368
14×2×2.5	28.0	1480	25.6	1229	30.1	1575
19×2×2.5	31.5	1899	28.9	1597	33.6	1988

4、DJFPG、DJFP2G、DJFPGR 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPG 型电缆		DJFP2G 型电缆		DJFPGR 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	6.7	63	6.4	56	7.0	67
2×2×0.5	10.1	121	9.4	105	10.6	130
3×2×0.5	10.6	147	9.9	128	11.2	158
4×2×0.5	11.5	180	10.7	156	12.2	194
5×2×0.5	12.5	215	11.6	186	13.2	231
7×2×0.5	13.6	257	12.6	222	14.5	279
8×2×0.5	15.3	327	14.0	276	16.2	351
10×2×0.5	17.2	377	15.9	324	18.3	404
12×2×0.5	17.8	430	16.4	369	18.9	460
14×2×0.5	18.7	489	17.2	418	19.8	522
19×2×0.5	21.1	635	19.0	527	22.4	676
24×2×0.5	24.6	804	22.6	687	26.1	858
27×2×0.5	25.1	882	23.1	753	26.7	942
30×2×0.5	26.0	967	23.9	824	27.7	1033
37×2×0.5	28.0	1148	25.7	978	29.9	1225
1×2×0.75	7.1	73	6.7	65	7.4	77
2×2×0.75	10.7	140	10.0	124	11.3	151
3×2×0.75	11.3	173	10.6	153	11.9	185
4×2×0.75	12.3	214	11.5	188	13.0	228
5×2×0.75	13.3	255	12.5	225	14.3	279
7×2×0.75	14.7	314	13.5	270	15.5	332
8×2×0.75	16.4	391	15.2	341	17.3	416
10×2×0.75	18.5	453	17.1	395	19.6	482
12×2×0.75	19.1	518	17.7	452	20.2	550
14×2×0.75	20.0	590	18.5	514	21.6	645
19×2×0.75	22.6	768	20.6	652	24.0	813
24×2×0.75	26.4	975	24.4	848	28.1	1034
27×2×0.75	27.0	1073	24.9	932	28.7	1136
30×2×0.75	28.0	1178	25.8	1023	29.7	1248

37×2×0.75	30.2	1403	27.9	1218	32.7	1525
1×2×1	7.6	85	7.3	78	7.9	90
2×2×1	11.6	167	11.0	150	12.3	180
3×2×1	12.3	208	11.6	186	13.0	222
4×2×1	13.4	258	12.6	229	14.4	281
5×2×1	14.8	317	13.7	275	15.6	336
7×2×1	16.1	382	15.1	339	17.0	402
8×2×1	18.0	477	16.9	423	19.1	509

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFPG 型电缆		DJFP2G 型电缆		DJFPGR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
10×2×1	20.3	553	19.0	490	22.0	605
12×2×1	21.4	653	19.6	561	22.7	691
14×2×1	22.5	744	20.6	640	23.8	787
19×2×1	25.0	944	23.3	834	26.5	996
24×2×1	29.2	1200	27.2	1059	31.7	1309
27×2×1	29.9	1323	27.8	1166	32.3	1437
30×2×1	31.6	1494	28.8	1281	33.5	1578
37×2×1	34.1	1778	31.1	1528	36.2	1875
1×2×1.5	8.1	102	7.8	94	8.5	108
2×2×1.5	12.5	201	11.9	183	13.2	215
3×2×1.5	13.3	255	12.6	231	14.2	275
4×2×1.5	14.7	324	13.7	286	15.6	344
5×2×1.5	16.0	390	15.1	351	17.0	415
7×2×1.5	17.4	474	16.4	428	18.5	499
8×2×1.5	19.5	592	18.4	533	21.2	647
10×2×1.5	22.5	708	20.8	621	23.9	747
12×2×1.5	23.3	815	21.9	734	24.7	857
14×2×1.5	24.5	931	23.0	837	26.0	981
19×2×1.5	27.2	1189	25.6	1069	29.0	1248
24×2×1.5	32.5	1553	29.9	1358	34.6	1634
27×2×1.5	33.2	1713	30.6	1499	35.4	1800
30×2×1.5	34.4	1883	32.3	1690	36.7	1979
37×2×1.5	37.6	2281	34.9	2018	40.1	2394
1×2×2.5	9.1	137	8.8	128	9.6	145
2×2×2.5	14.5	281	13.7	253	15.4	299
3×2×2.5	15.4	358	14.7	330	16.3	378

4×2×2.5	16.9	450	16.1	413	17.9	474
5×2×2.5	18.5	547	17.6	502	19.6	576
7×2×2.5	20.1	669	19.1	615	21.8	718
8×2×2.5	23.0	855	21.9	785	24.5	904
10×2×2.5	26.1	999	24.8	918	27.8	1050
12×2×2.5	27.0	1155	25.6	1059	28.8	1210
14×2×2.5	28.4	1325	27.0	1215	30.3	1388
19×2×2.5	32.3	1744	30.1	1561	34.4	1821
24×2×2.5	38.3	2251	35.9	2034	40.9	2356
27×2×2.5	39.2	2486	36.7	2247	41.8	2599
30×2×2.5	40.6	2737	38.5	2508	43.3	2860
37×2×2.5	43.9	3276	41.6	3002	46.9	3419

5、DJFGP、DJFGP2、DJFGRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFGP 型电缆		DJFGP2 型电缆		DJFGRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	6.7	63	6.4	56	7.0	67
2×2×0.5	9.5	118	9.1	102	10.0	126
3×2×0.5	10.0	138	9.6	121	10.6	149
4×2×0.5	10.7	162	10.3	144	11.4	176
5×2×0.5	11.6	191	11.2	171	12.3	205
7×2×0.5	12.4	220	12.0	198	13.2	235
8×2×0.5	13.7	270	13.3	245	14.8	296
10×2×0.5	15.5	316	15.1	288	16.7	355
12×2×0.5	16.2	371	15.6	324	17.3	396
14×2×0.5	16.9	413	16.3	364	18.0	441
19×2×0.5	18.6	507	18.0	453	19.9	539
24×2×0.5	21.5	634	20.9	570	23.4	695
27×2×0.5	22.3	706	21.3	622	23.9	752
30×2×0.5	23.1	767	22.5	698	24.7	816
37×2×0.5	24.8	895	24.2	821	26.6	951
1×2×0.75	7.1	73	6.7	65	7.4	77
2×2×0.75	10.1	137	9.7	120	10.7	148
3×2×0.75	10.7	164	10.3	146	11.3	175
4×2×0.75	11.5	195	11.1	175	12.2	209
5×2×0.75	12.4	229	12.0	207	13.1	243
7×2×0.75	13.3	268	12.9	244	14.2	284
8×2×0.75	15.0	336	14.4	303	16.1	374
10×2×0.75	16.9	404	16.3	356	18.1	431
12×2×0.75	17.4	453	16.8	403	18.6	481
14×2×0.75	18.2	508	17.6	455	19.5	539
19×2×0.75	20.1	629	19.5	570	21.5	664
24×2×0.75	23.7	810	23.1	739	25.4	857
27×2×0.75	24.2	881	23.6	809	25.9	931
30×2×0.75	25.0	958	24.4	884	26.8	1013
37×2×0.75	26.9	1126	26.3	1045	29.1	1220
1×2×1	7.6	85	7.3	78	7.9	90
2×2×1	11.1	165	10.7	146	11.7	177

3×2×1	11.7	198	11.3	178	12.3	209
4×2×1	12.6	237	12.2	215	13.4	253
5×2×1	13.6	280	13.2	255	14.5	299
7×2×1	14.9	337	14.3	304	16.1	373
8×2×1	16.8	434	16.2	385	17.9	462

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFGP 型电缆		DJFGP2 型电缆		DJFGRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
10×2×1	18.8	500	18.2	445	20.0	529
12×2×1	19.4	563	18.8	506	20.7	594
14×2×1	20.3	633	19.7	573	21.7	669
19×2×1	22.9	808	21.9	722	24.4	850
24×2×1	26.5	1015	25.9	936	28.6	1103
27×2×1	27.1	1107	26.5	1026	29.2	1198
30×2×1	28.2	1239	27.4	1123	30.2	1305
37×2×1	30.4	1457	29.6	1331	32.6	1532
1×2×1.5	8.1	102	7.8	94	8.5	108
2×2×1.5	12.0	200	11.6	179	12.7	213
3×2×1.5	12.6	242	12.2	220	13.4	257
4×2×1.5	13.7	295	13.3	270	14.8	320
5×2×1.5	15.1	358	14.5	325	16.2	395
7×2×1.5	16.5	444	15.9	397	17.5	465
8×2×1.5	18.3	544	17.7	491	19.6	579
10×2×1.5	20.6	632	20.0	571	22.4	684
12×2×1.5	21.3	716	20.7	653	23.1	771
14×2×1.5	22.7	828	21.7	743	24.2	870
19×2×1.5	25.1	1038	24.5	963	26.9	1086
24×2×1.5	29.4	1342	28.6	1221	31.5	1407
27×2×1.5	30.1	1467	29.3	1342	32.2	1536
30×2×1.5	31.1	1602	30.3	1473	34.0	1721
37×2×1.5	34.1	1937	32.7	1754	36.6	2025
1×2×2.5	9.1	137	8.8	128	9.6	145
2×2×2.5	13.8	273	13.4	249	14.8	296
3×2×2.5	14.8	345	14.2	312	15.9	381
4×2×2.5	16.3	441	15.7	395	17.3	465
5×2×2.5	17.7	527	17.1	475	18.8	554
7×2×2.5	19.2	634	18.6	578	20.5	662

8×2×2.5	21.8	798	20.8	716	23.3	843
10×2×2.5	24.6	931	24.0	858	26.3	975
12×2×2.5	25.4	1060	24.8	985	27.2	1109
14×2×2.5	26.7	1204	26.1	1124	28.7	1289
19×2×2.5	29.8	1557	29.0	1434	31.9	1621
24×2×2.5	35.4	2013	34.6	1866	38.0	2101
27×2×2.5	36.2	2207	35.4	2057	39.2	2332
30×2×2.5	37.5	2416	36.7	2260	40.8	2597
37×2×2.5	41.0	2949	40.0	2732	44.0	3067

6、DJFPGP、DJFP2GP2、DJFPGRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPGP 型电缆		DJFP2GP2 型电缆		DJFPGRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	6.7	63	6.4	56	7.0	67
2×2×0.5	10.7	153	9.6	117	11.2	163
3×2×0.5	11.2	180	10.1	141	11.8	194
4×2×0.5	12.1	217	10.9	170	12.8	233
5×2×0.5	13.1	256	11.8	201	14.0	280
7×2×0.5	14.4	307	12.8	239	15.3	343
8×2×0.5	16.1	394	14.2	295	17.0	423
10×2×0.5	18.0	454	16.1	347	19.1	486
12×2×0.5	18.6	510	16.6	392	19.7	545
14×2×0.5	19.5	573	17.4	443	21.0	630
19×2×0.5	21.9	730	19.2	555	23.2	778
24×2×0.5	25.4	917	22.8	720	27.1	1008
27×2×0.5	25.9	997	23.3	787	27.7	1096
30×2×0.5	27.0	1117	24.1	860	28.7	1193
37×2×0.5	29.0	1310	25.9	1016	31.5	1438
1×2×0.75	7.1	73	6.7	65	7.4	77
2×2×0.75	11.3	174	10.2	137	11.9	187
3×2×0.75	11.9	209	10.8	167	12.5	223
4×2×0.75	12.9	253	11.7	203	13.6	270
5×2×0.75	14.1	305	12.7	242	15.1	342
7×2×0.75	15.5	378	13.7	288	16.3	400
8×2×0.75	17.2	464	15.4	362	18.1	494
10×2×0.75	19.3	537	17.3	420	20.8	588
12×2×0.75	19.9	605	17.9	478	21.4	660
14×2×0.75	21.2	699	18.7	541	22.4	742
19×2×0.75	23.4	871	20.8	683	24.8	923
24×2×0.75	27.4	1127	24.6	884	29.1	1197
27×2×0.75	28.0	1228	25.1	969	29.7	1303
30×2×0.75	29.0	1340	26.0	1061	31.3	1460
37×2×0.75	31.8	1618	28.1	1260	33.7	1714
1×2×1	7.6	85	7.3	78	7.9	90
2×2×1	12.2	204	11.2	165	12.9	219

3×2×1	12.9	248	11.8	202	13.6	265
4×2×1	14.2	308	12.8	246	15.2	344
5×2×1	15.6	382	13.9	295	16.4	405
7×2×1	16.9	453	15.3	360	17.8	478
8×2×1	18.8	558	17.1	447	19.9	595

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFPGP 型电缆		DJFP2GP2 型电缆		DJF2GRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight ofc able	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight ofc able	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight ofc able
10×2×1	21.5	663	19.2	518	22.8	705
12×2×1	22.2	749	19.8	590	23.5	794
14×2×1	23.3	846	20.8	670	24.6	895
19×2×1	25.8	1059	23.5	869	27.5	1149
24×2×1	30.2	1369	27.4	1100	32.7	1491
27×2×1	31.5	1536	28.0	1208	33.3	1623
30×2×1	32.6	1676	29.0	1324	34.5	1771
37×2×1	35.1	1975	31.3	1575	37.6	2117
1×2×1.5	8.1	102	7.8	94	8.5	108
2×2×1.5	13.1	242	12.1	199	14.0	264
3×2×1.5	14.1	304	12.8	248	15.0	338
4×2×1.5	15.5	388	13.9	305	16.4	413
5×2×1.5	16.8	461	15.3	373	17.8	491
7×2×1.5	18.2	552	16.6	451	19.3	582
8×2×1.5	20.7	697	18.6	559	22.0	743
10×2×1.5	23.3	810	21.0	652	24.7	856
12×2×1.5	24.1	921	22.1	766	25.5	970
14×2×1.5	25.3	1043	23.2	871	27.0	1131
19×2×1.5	28.2	1346	25.8	1107	30.0	1416
24×2×1.5	33.5	1741	30.1	1403	35.6	1834
27×2×1.5	34.2	1904	30.8	1546	36.4	2005
30×2×1.5	35.4	2082	32.5	1739	38.1	2225
37×2×1.5	38.8	2542	35.1	2071	41.3	2674
1×2×2.5	9.1	137	8.8	128	9.6	145
2×2×2.5	15.3	344	13.9	273	16.2	367
3×2×2.5	16.2	426	14.9	350	17.1	451
4×2×2.5	17.7	526	16.3	436	18.7	555
5×2×2.5	19.3	631	17.8	527	20.8	682
7×2×2.5	21.3	779	19.3	643	22.6	817

8×2×2.5	23.8	960	22.1	817	25.3	1015
10×2×2.5	27.1	1150	25.0	955	28.8	1210
12×2×2.5	28.0	1311	25.8	1098	29.8	1377
14×2×2.5	29.4	1490	27.2	1256	31.9	1604
19×2×2.5	33.3	1930	30.3	1607	35.4	2020
24×2×2.5	39.5	2518	36.1	2088	42.1	2642
27×2×2.5	40.4	2759	36.9	2303	43.0	2892
30×2×2.5	41.8	3020	38.7	2566	44.5	3164
37×2×2.5	45.1	3585	41.8	3066	48.7	3811

7、DJFPV、DJFP2V、DJFPVR 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPV 型电缆		DJFP2V 型电缆		DJFPVR 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	6.3	59	6.0	52	6.6	63
2×2×0.5	9.7	115	9.0	100	10.2	123
3×2×0.5	10.2	141	9.5	122	10.8	152
4×2×0.5	11.1	173	10.3	149	11.8	187
5×2×0.5	12.1	208	11.2	179	12.8	223
7×2×0.5	13.2	249	12.2	214	14.5	284
8×2×0.5	15.3	331	13.6	267	16.2	356
10×2×0.5	17.2	383	15.9	329	18.3	409
12×2×0.5	17.8	435	16.4	374	18.9	466
14×2×0.5	18.7	494	17.2	423	19.8	529
19×2×0.5	21.1	642	19.0	533	22.4	684
24×2×0.5	24.6	813	22.6	695	26.1	867
27×2×0.5	25.1	891	23.1	761	26.7	951
30×2×0.5	26.0	976	23.9	833	27.7	1043
37×2×0.5	28.0	1158	25.7	987	29.9	1236
1×2×0.75	6.7	68	6.3	61	7.0	73
2×2×0.75	10.3	134	9.6	118	10.9	144
3×2×0.75	10.9	167	10.2	147	11.5	178
4×2×0.75	11.9	206	11.1	181	12.6	220
5×2×0.75	12.9	247	12.1	218	14.3	283
7×2×0.75	14.7	318	13.1	262	15.5	337
8×2×0.75	16.4	396	15.2	345	17.3	421
10×2×0.75	18.5	459	17.1	400	19.6	488
12×2×0.75	19.1	524	17.7	458	20.2	556
14×2×0.75	20.0	597	18.5	520	21.6	652
19×2×0.75	22.6	776	20.6	659	24.0	822
24×2×0.75	26.4	984	24.4	856	28.1	1044
27×2×0.75	27.0	1082	24.9	941	28.7	1147
30×2×0.75	28.0	1188	25.8	1032	29.7	1259
37×2×0.75	30.2	1414	27.9	1228	32.7	1539
1×2×1	7.2	81	6.9	73	7.5	86
2×2×1	11.2	160	10.6	144	11.9	172

3×2×1	11.9	201	11.2	179	12.6	215
4×2×1	13.0	250	12.2	222	14.4	286
5×2×1	14.8	321	13.3	267	15.6	341
7×2×1	16.1	386	15.1	343	17.0	408
8×2×1	18.0	483	16.9	428	19.1	515

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFPV 型电缆		DJFP2V 型电缆		DJFPVR 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable
10×2×1	20.3	559	19.0	496	22.0	613
12×2×1	21.4	660	19.6	567	22.7	699
14×2×1	22.5	752	20.6	646	23.8	795
19×2×1	25.0	953	23.3	842	26.5	1005
24×2×1	29.2	1210	27.2	1069	31.7	1322
27×2×1	29.9	1333	27.8	1176	32.3	1451
30×2×1	31.6	1507	28.8	1291	33.5	1592
37×2×1	34.1	1793	31.1	1539	36.2	1890
1×2×1.5	7.7	97	7.4	89	8.1	103
2×2×1.5	12.1	194	11.5	176	12.8	207
3×2×1.5	12.9	247	12.2	223	14.2	280
4×2×1.5	14.7	328	13.3	278	15.6	349
5×2×1.5	16.0	395	15.1	356	17.0	420
7×2×1.5	17.4	480	16.4	433	18.5	504
8×2×1.5	19.5	598	18.4	538	21.2	655
10×2×1.5	22.5	716	20.8	627	23.9	756
12×2×1.5	23.3	824	21.9	741	24.7	866
14×2×1.5	24.5	940	23.0	845	26.0	990
19×2×1.5	27.2	1199	25.6	1078	29.0	1259
24×2×1.5	32.5	1567	29.9	1369	34.6	1648
27×2×1.5	33.2	1727	30.6	1510	35.4	1815
30×2×1.5	34.4	1897	32.3	1704	36.7	1995
37×2×1.5	37.6	2298	34.9	2033	40.1	2412
1×2×2.5	8.7	131	8.4	122	9.2	139
2×2×2.5	14.5	285	13.3	245	15.4	304
3×2×2.5	15.4	363	14.7	334	16.3	383
4×2×2.5	16.9	455	16.1	418	17.9	480
5×2×2.5	18.5	553	17.6	508	19.6	582
7×2×2.5	20.1	676	19.1	621	21.8	726

8×2×2.5	23.0	864	21.9	793	24.5	912
10×2×2.5	26.1	1009	24.8	927	27.8	1060
12×2×2.5	27.0	1165	25.6	1069	28.8	1221
14×2×2.5	28.4	1336	27.0	1225	30.3	1399
19×2×2.5	32.3	1757	30.1	1572	34.4	1835
24×2×2.5	38.3	2269	35.9	2049	40.9	2376
27×2×2.5	39.2	2504	36.7	2263	41.8	2618
30×2×2.5	40.6	2756	38.5	2526	43.3	2880
37×2×2.5	43.9	3297	41.6	3021	46.9	3441

8、DJFVP、DJFVP2、DJFVRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFVP 型电缆		DJFVP2 型电缆		DJFVRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
1×2×0.5	6.3	59	6.0	52	6.6	63
2×2×0.5	9.1	112	8.7	96	9.6	120
3×2×0.5	9.6	132	9.2	115	10.2	142
4×2×0.5	10.3	156	9.9	138	11.0	169
5×2×0.5	11.2	184	10.8	164	11.9	198
7×2×0.5	12.0	213	11.6	191	12.8	227
8×2×0.5	13.3	262	12.9	237	14.8	301
10×2×0.5	15.5	321	15.1	293	16.7	361
12×2×0.5	16.2	376	15.6	329	17.3	402
14×2×0.5	16.9	418	16.3	369	18.0	446
19×2×0.5	18.6	513	18.0	458	19.9	545
24×2×0.5	21.5	641	20.9	577	23.4	703
27×2×0.5	22.3	714	21.3	629	23.9	761
30×2×0.5	23.1	775	22.5	706	24.7	825
37×2×0.5	24.8	904	24.2	830	26.6	961
1×2×0.75	6.7	68	6.3	61	7.0	73
2×2×0.75	9.7	131	9.3	114	10.3	141
3×2×0.75	10.3	158	9.9	139	10.9	168
4×2×0.75	11.1	188	10.7	169	11.8	201
5×2×0.75	12.0	222	11.6	200	12.7	235
7×2×0.75	12.9	260	12.5	237	13.8	276
8×2×0.75	15.0	341	14.0	295	16.1	379
10×2×0.75	16.9	410	16.3	361	18.1	436
12×2×0.75	17.4	459	16.8	408	18.6	487
14×2×0.75	18.2	514	17.6	460	19.5	545
19×2×0.75	20.1	635	19.5	576	21.5	671
24×2×0.75	23.7	818	23.1	748	25.4	866
27×2×0.75	24.2	890	23.6	818	25.9	940
30×2×0.75	25.0	967	24.4	893	26.8	1022
37×2×0.75	26.9	1135	26.3	1054	29.1	1230
1×2×1	7.2	81	6.9	73	7.5	86
2×2×1	10.7	159	10.3	140	11.3	170

3×2×1	11.3	191	10.9	171	11.9	202
4×2×1	12.2	230	11.8	208	13.0	245
5×2×1	13.2	272	12.8	247	14.1	290
7×2×1	14.9	341	13.9	296	16.1	378
8×2×1	16.8	439	16.2	390	17.9	468

续上表:

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFVP 型电缆		DJFVP2 型电缆		DJFVRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate to the weight of cable
10×2×1	18.8	506	18.2	451	20.0	535
12×2×1	19.4	569	18.8	512	20.7	601
14×2×1	20.3	639	19.7	579	21.7	676
19×2×1	22.9	816	21.9	729	24.4	858
24×2×1	26.5	1025	25.9	945	28.6	1113
27×2×1	27.1	1117	26.5	1036	29.2	1209
30×2×1	28.2	1249	27.4	1132	30.2	1316
37×2×1	30.4	1469	29.6	1342	32.6	1544
1×2×1.5	7.7	97	7.4	89	8.1	103
2×2×1.5	11.6	193	11.2	172	12.3	206
3×2×1.5	12.2	234	11.8	212	13.0	250
4×2×1.5	13.3	287	12.9	263	14.8	324
5×2×1.5	15.1	363	14.1	316	16.2	400
7×2×1.5	16.5	449	15.9	401	17.5	471
8×2×1.5	18.3	550	17.7	496	19.6	585
10×2×1.5	20.6	639	20.0	578	22.4	692
12×2×1.5	21.3	722	20.7	659	23.1	780
14×2×1.5	22.7	836	21.7	750	24.2	879
19×2×1.5	25.1	1047	24.5	972	26.9	1096
24×2×1.5	29.4	1353	28.6	1231	31.5	1419
27×2×1.5	30.1	1478	29.3	1353	32.2	1548
30×2×1.5	31.1	1613	30.3	1484	34.0	1736
37×2×1.5	34.1	1951	32.7	1766	36.6	2040
1×2×2.5	8.7	131	8.4	122	9.2	139
2×2×2.5	13.4	265	13.0	241	14.8	300
3×2×2.5	14.8	349	13.8	304	15.9	386
4×2×2.5	16.3	446	15.7	399	17.3	470
5×2×2.5	17.7	532	17.1	481	18.8	560
7×2×2.5	19.2	640	18.6	583	20.5	668

$8 \times 2 \times 2.5$	21.8	806	20.8	723	23.3	851
$10 \times 2 \times 2.5$	24.6	940	24.0	866	26.3	984
$12 \times 2 \times 2.5$	25.4	1069	24.8	994	27.2	1119
$14 \times 2 \times 2.5$	26.7	1214	26.1	1134	28.7	1300
$19 \times 2 \times 2.5$	29.8	1568	29.0	1445	31.9	1632
$24 \times 2 \times 2.5$	35.4	2028	34.6	1881	38.0	2117
$27 \times 2 \times 2.5$	36.2	2222	35.4	2072	39.2	2351
$30 \times 2 \times 2.5$	37.5	2432	36.7	2276	40.8	2616
$37 \times 2 \times 2.5$	41.0	2968	40.0	2750	44.0	3088

9、DJFPVP、DJFP2VP2、DJFPVRP 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称 截面 mm ² Number and nominal cross-section al area of conductors	DJFPVP 型电缆		DJFP2VP2 型电缆		DJF2VRP 型电缆	
	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable	电缆近似 外径 Approximate overall diameter of cable/mm	电缆近似 重量 kg/km Approximate the weight of cable
1×2×0.5	6.3	59	6.0	52	6.6	63
2×2×0.5	10.3	146	9.2	112	10.8	156
3×2×0.5	10.8	174	9.7	135	11.4	187
4×2×0.5	11.7	209	10.5	163	12.4	226
5×2×0.5	12.7	248	11.4	194	14.0	284
7×2×0.5	14.4	312	12.4	231	15.3	348
8×2×0.5	16.1	399	13.8	287	17.0	428
10×2×0.5	18.0	460	16.1	352	19.1	492
12×2×0.5	18.6	516	16.6	397	19.7	551
14×2×0.5	19.5	579	17.4	448	21.0	637
19×2×0.5	21.9	738	19.2	561	23.2	786
24×2×0.5	25.4	926	22.8	728	27.1	1018
27×2×0.5	25.9	1006	23.3	795	27.7	1106
30×2×0.5	27.0	1126	24.1	868	28.7	1204
37×2×0.5	29.0	1321	25.9	1025	31.5	1451
1×2×0.75	6.7	68	6.3	61	7.0	73
2×2×0.75	10.9	167	9.8	130	11.5	180
3×2×0.75	11.5	202	10.4	161	12.1	216
4×2×0.75	12.5	246	11.3	196	13.2	262
5×2×0.75	14.1	309	12.3	235	15.1	346
7×2×0.75	15.5	383	13.3	280	16.3	406
8×2×0.75	17.2	470	15.4	367	18.1	499
10×2×0.75	19.3	543	17.3	425	20.8	595
12×2×0.75	19.9	611	17.9	483	21.4	667
14×2×0.75	21.2	707	18.7	547	22.4	750
19×2×0.75	23.4	879	20.8	689	24.8	931
24×2×0.75	27.4	1137	24.6	893	29.1	1207
27×2×0.75	28.0	1239	25.1	978	29.7	1314
30×2×0.75	29.0	1351	26.0	1071	31.3	1473
37×2×0.75	31.8	1632	28.1	1270	33.7	1728
1×2×1	7.2	81	6.9	73	7.5	86
2×2×1	11.8	197	10.8	158	12.5	212

3×2×1	12.5	240	11.4	195	13.2	256
4×2×1	14.2	312	12.4	239	15.2	349
5×2×1	15.6	387	13.5	286	16.4	410
7×2×1	16.9	458	15.3	365	17.8	484
8×2×1	18.8	564	17.1	453	19.9	601

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPVP 型电缆		DJFP2VP2 型电缆		DJFPVRP 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
10×2×1	21.5	671	19.2	524	22.8	713
12×2×1	22.2	757	19.8	596	23.5	802
14×2×1	23.3	854	20.8	677	24.6	904
19×2×1	25.8	1068	23.5	877	27.5	1159
24×2×1	30.2	1380	27.4	1110	32.7	1505
27×2×1	31.5	1549	28.0	1218	33.3	1637
30×2×1	32.6	1689	29.0	1335	34.5	1786
37×2×1	35.1	1990	31.3	1586	37.6	2134
1×2×1.5	7.7	97	7.4	89	8.1	103
2×2×1.5	12.7	234	11.7	192	14.0	268
3×2×1.5	14.1	309	12.4	240	15.0	342
4×2×1.5	15.5	393	13.5	297	16.4	418
5×2×1.5	16.8	466	15.3	377	17.8	496
7×2×1.5	18.2	558	16.6	456	19.3	588
8×2×1.5	20.7	705	18.6	565	22.0	751
10×2×1.5	23.3	819	21.0	658	24.7	865
12×2×1.5	24.1	930	22.1	773	25.5	979
14×2×1.5	25.3	1052	23.2	879	27.0	1140
19×2×1.5	28.2	1356	25.8	1116	30.0	1427
24×2×1.5	33.5	1755	30.1	1414	35.6	1849
27×2×1.5	34.2	1919	30.8	1557	36.4	2020
30×2×1.5	35.4	2097	32.5	1753	38.1	2243
37×2×1.5	38.8	2560	35.1	2086	41.3	2693
1×2×2.5	8.7	131	8.4	122	9.2	139
2×2×2.5	15.3	349	13.5	264	16.2	372
3×2×2.5	16.2	431	14.9	355	17.1	456
4×2×2.5	17.7	531	16.3	441	18.7	561
5×2×2.5	19.3	637	17.8	533	20.8	690
7×2×2.5	21.3	786	19.3	649	22.6	825

8×2×2.5	23.8	968	22.1	825	25.3	1025
10×2×2.5	27.1	1159	25.0	964	28.8	1221
12×2×2.5	28.0	1321	25.8	1107	29.8	1388
14×2×2.5	29.4	1500	27.2	1266	31.9	1618
19×2×2.5	33.3	1944	30.3	1618	35.4	2035
24×2×2.5	39.5	2536	36.1	2104	42.1	2662
27×2×2.5	40.4	2778	36.9	2319	43.0	2912
30×2×2.5	41.8	3040	38.7	2584	44.5	3185
37×2×2.5	45.1	3606	41.8	3085	48.7	3837

10、DJFPV22、DJFP2V22 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPV22 缆		DJFP2V22 缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
2×2×0.5	12.5	236	11.8	212
3×2×0.5	13.0	268	12.3	241
4×2×0.5	13.9	311	13.1	277
5×2×0.5	14.9	358	14.0	318
7×2×0.5	16.0	412	15.0	365
8×2×0.5	17.5	493	16.4	435
10×2×0.5	19.4	565	18.1	497
12×2×0.5	20.4	642	18.6	547
14×2×0.5	21.3	711	19.4	605
19×2×0.5	23.3	864	21.6	753
24×2×0.5	26.8	1073	24.8	933
27×2×0.5	27.3	1156	25.3	1004
30×2×0.5	28.2	1251	26.1	1085
37×2×0.5	30.8	1495	27.9	1258
2×2×0.75	13.1	262	12.4	237
3×2×0.75	13.7	302	13.0	274
4×2×0.75	14.7	354	13.9	319
5×2×0.75	15.7	407	14.9	368
7×2×0.75	16.9	473	15.9	424
8×2×0.75	18.6	570	17.4	506
10×2×0.75	21.1	674	19.3	581
12×2×0.75	21.7	746	19.9	645
14×2×0.75	22.6	829	21.1	735
19×2×0.75	24.8	1014	23.2	898
24×2×0.75	28.6	1263	26.6	1114
27×2×0.75	29.2	1368	27.1	1204
30×2×0.75	30.8	1525	28.0	1304
37×2×0.75	33.0	1777	30.1	1523
2×2×1	14.0	299	13.4	275
3×2×1	14.7	349	14.0	318
4×2×1	15.8	411	15.0	373

5×2×1	17.0	477	16.1	432
7×2×1	18.3	557	17.3	503
8×2×1	20.6	692	19.1	607

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPV22 型电缆		DJFP2V22 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
10×2×1	22.9	795	21.6	716
12×2×1	23.6	885	22.2	795
14×2×1	24.7	988	23.2	886
19×2×1	27.2	1217	25.5	1088
24×2×1	32.0	1562	29.4	1356
27×2×1	32.7	1693	30.0	1470
30×2×1	33.8	1838	31.6	1638
37×2×1	36.7	2184	33.9	1913
2×2×1.5	14.9	344	14.3	319
3×2×1.5	15.7	407	15.0	374
4×2×1.5	16.9	483	16.1	443
5×2×1.5	18.2	564	17.3	515
7×2×1.5	20.0	681	18.6	606
8×2×1.5	22.1	824	21.0	752
10×2×1.5	24.7	953	23.4	869
12×2×1.5	25.5	1069	24.1	972
14×2×1.5	26.7	1198	25.2	1087
19×2×1.5	30.0	1526	27.8	1348
24×2×1.5	34.7	1908	32.7	1729
27×2×1.5	35.8	2107	33.4	1879
30×2×1.5	38.2	2630	34.5	2043
37×2×1.5	41.0	3058	37.5	2433
2×2×2.5	16.7	438	16.1	410
3×2×2.5	17.6	525	16.9	489
4×2×2.5	19.1	634	18.3	588
5×2×2.5	21.1	768	19.8	694
7×2×2.5	22.7	909	21.7	843
8×2×2.5	25.2	1106	24.1	1023
10×2×2.5	28.3	1284	27.0	1188
12×2×2.5	29.8	1490	27.8	1339
14×2×2.5	31.2	1677	29.2	1510
19×2×2.5	34.5	2096	32.9	1935
24×2×2.5	41.7	3043	39.7	2814

27×2×2.5	42.6	3297	40.5	3045
30×2×2.5	44.0	3577	41.9	3304
37×2×2.5	47.9	4250	45.0	3863

11、DJFVP22、DJFVP2-22 型电缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFVP22 型电缆		DJFVP2-22 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
2×2×0.5	12.1	231	11.7	211
3×2×0.5	12.6	258	12.2	236
4×2×0.5	13.3	290	12.9	267
5×2×0.5	14.2	329	13.8	305
7×2×0.5	15.0	368	14.6	342
8×2×0.5	16.3	433	15.9	404
10×2×0.5	17.9	492	17.5	459
12×2×0.5	18.6	554	18.0	501
14×2×0.5	19.3	604	18.7	549
19×2×0.5	21.4	737	20.4	657
24×2×0.5	24.3	900	23.7	829
27×2×0.5	24.7	958	24.1	886
30×2×0.5	25.5	1028	24.9	953
37×2×0.5	27.2	1176	26.6	1095
2×2×0.75	12.7	258	12.3	236
3×2×0.75	13.3	292	12.9	269
4×2×0.75	14.1	332	13.7	308
5×2×0.75	15.0	377	14.6	350
7×2×0.75	15.9	427	15.5	398
8×2×0.75	17.4	506	17.0	475
10×2×0.75	19.3	596	18.7	541
12×2×0.75	19.8	651	19.2	594
14×2×0.75	20.6	714	20.0	655
19×2×0.75	22.9	878	22.3	811
24×2×0.75	26.1	1078	25.5	1001
27×2×0.75	26.6	1155	26.0	1076
30×2×0.75	27.4	1241	26.8	1160
37×2×0.75	29.3	1430	28.7	1343

$2 \times 2 \times 1$	13.7	298	13.3	274
$3 \times 2 \times 1$	14.3	338	13.9	312
$4 \times 2 \times 1$	15.2	387	14.8	360
$5 \times 2 \times 1$	16.2	442	15.8	413
$7 \times 2 \times 1$	17.3	506	16.9	474
$8 \times 2 \times 1$	19.2	624	18.6	569

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFVP22 型电缆		DJFVP2-22 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
10×2×1	21.6	733	20.6	652
12×2×1	22.2	803	21.6	739
14×2×1	23.1	884	22.5	816
19×2×1	25.3	1067	24.7	992
24×2×1	28.9	1315	28.3	1229
27×2×1	29.5	1414	28.9	1326
30×2×1	30.6	1558	29.8	1433
37×2×1	33.4	1847	32.6	1711
2×2×1.5	14.6	343	14.2	317
3×2×1.5	15.2	392	14.8	365
4×2×1.5	16.3	458	15.9	429
5×2×1.5	17.5	529	17.1	498
7×2×1.5	18.9	631	18.3	577
8×2×1.5	21.1	770	20.1	692
10×2×1.5	23.4	887	22.8	819
12×2×1.5	24.1	979	23.5	909
14×2×1.5	25.1	1085	24.5	1011
19×2×1.5	27.5	1322	26.9	1240
24×2×1.5	32.4	1718	31.0	1545
27×2×1.5	33.1	1852	32.3	1717
30×2×1.5	34.1	2000	33.3	1861
37×2×1.5	36.5	2323	35.7	2173
2×2×2.5	16.4	438	16.0	408
3×2×2.5	17.2	513	16.8	482
4×2×2.5	18.7	626	18.1	573
5×2×2.5	20.1	727	19.5	669
7×2×2.5	22.0	871	21.4	808
8×2×2.5	24.2	1044	23.6	974
10×2×2.5	27.0	1209	26.4	1129
12×2×2.5	27.8	1348	27.2	1265
14×2×2.5	29.1	1507	28.5	1420
19×2×2.5	32.8	1939	32.0	1805
24×2×2.5	38.2	2448	37.0	2258

27×2×2.5	40.2	3010	38.2	2492
30×2×2.5	41.5	3248	40.7	3074
37×2×2.5	44.6	3815	43.6	3577

12、DJFVP22、DJFP2VP2-22 型 电 缆 fluorine plastic insulation computer instrument cable

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFVP22 型电缆		DJFP2VP2-22 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
2×2×0.5	13.3	280	12.2	232
3×2×0.5	13.8	314	12.7	262
4×2×0.5	14.7	361	13.5	300
5×2×0.5	15.7	412	14.4	342
7×2×0.5	16.8	471	15.4	391
8×2×0.5	18.5	577	16.8	464
10×2×0.5	20.8	677	18.5	529
12×2×0.5	21.4	740	19.0	580
14×2×0.5	22.3	814	19.8	640
19×2×0.5	24.3	977	22.0	792
24×2×0.5	27.8	1204	25.2	978
27×2×0.5	28.3	1290	25.7	1051
30×2×0.5	30.0	1462	26.5	1133
37×2×0.5	32.0	1682	28.3	1309
2×2×0.75	13.9	309	12.8	258
3×2×0.75	14.5	351	13.4	296
4×2×0.75	15.5	407	14.3	343
5×2×0.75	16.5	464	15.3	394
7×2×0.75	17.9	554	16.3	452
8×2×0.75	19.6	660	17.8	537
10×2×0.75	22.1	775	19.7	616
12×2×0.75	22.7	851	20.3	681
14×2×0.75	23.6	938	21.5	772
19×2×0.75	25.8	1135	23.6	940
24×2×0.75	30.4	1478	27.0	1162
27×2×0.75	31.0	1587	27.5	1253
30×2×0.75	32.0	1711	28.4	1356
37×2×0.75	34.2	1978	30.5	1579

2×2×1	14.8	349	13.8	298
3×2×1	15.5	402	14.4	342
4×2×1	16.6	468	15.4	399
5×2×1	18.0	559	16.5	460
7×2×1	19.3	645	17.7	534
8×2×1	21.6	791	19.5	641

续上表:

芯数×标称截面 mm ² Number and nominal cross-sectional area of conductors	DJFPVP22 型电缆		DJFP2VP2-22 型电缆	
	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable	电缆近似外径 Approximate overall diameter of cable/mm	电缆近似重量 kg/km Approximate the weight of cable
10×2×1	23.9	906	22.0	755
12×2×1	24.6	1000	22.6	835
14×2×1	25.7	1109	23.6	928
19×2×1	28.2	1351	25.9	1134
24×2×1	33.2	1756	29.8	1410
27×2×1	33.9	1892	30.4	1525
30×2×1	35.0	2044	32.0	1696
37×2×1	39.1	2753	34.3	1976
2×2×1.5	15.7	398	14.7	344
3×2×1.5	16.5	464	15.4	401
4×2×1.5	17.9	564	16.5	471
5×2×1.5	19.2	652	17.7	546
7×2×1.5	21.0	777	19.0	639
8×2×1.5	23.1	931	21.4	789
10×2×1.5	25.7	1074	23.8	911
12×2×1.5	26.5	1194	24.5	1015
14×2×1.5	27.7	1329	25.6	1133
19×2×1.5	31.2	1707	28.2	1399
24×2×1.5	36.3	2152	33.1	1789
27×2×1.5	38.2	2662	33.8	1940
30×2×1.5	39.4	2866	34.9	2106
37×2×1.5	42.4	3361	39.1	2850
2×2×2.5	17.7	518	16.5	438
3×2×2.5	18.6	610	17.3	519
4×2×2.5	20.5	745	18.7	621
5×2×2.5	22.1	869	20.6	748
7×2×2.5	23.7	1019	22.1	882
8×2×2.5	26.2	1229	24.5	1067
10×2×2.5	30.1	1497	27.4	1238

12×2×2.5	31.0	1669	28.2	1390
14×2×2.5	32.4	1866	29.6	1564
19×2×2.5	37.3	2668	33.3	1995
24×2×2.5	43.1	3351	40.1	2889
27×2×2.5	44.0	3613	40.9	3121
30×2×2.5	45.4	3904	42.3	3383
37×2×2.5	49.3	4604	45.4	3949