

额定电压 450/750V 铜芯聚氯乙烯绝缘聚氯乙烯护套控制电缆
Rated voltage 450/750V copper core PVC insulated PVC sheathed control cable

电缆型号Cable model number:

KVV-450/750V

适用范围Application:

本产品适用于交流 50Hz，额定电压 450/750V 及以下的线路中，起控制、监控回路及保护线路之用。

This product is suitable for AC 50Hz, rated voltage 450/750V and below, for control, monitoring and protection circuits.

电缆结构

Cable structure

导体

Conductor

r

第1种实心或第2种绞合铜导体

第1种导体用(A)表示(省略)

第2种导体用(B)表示，在规格后标明

The 1st solid or the 2nd stranded copper conductor

The first type of conductor is represented by (A) (omitted)

Type 2 conductors are indicated by (B) and are indicated after the size

绝缘Insulation

聚氯乙烯(PVC) Polyvinyl Chloride (PVC)

填充(可选) filling /padding (optional)

聚丙烯网状撕裂绳 Polypropylene mesh tear cord

护套sheath

聚氯乙烯(PVC) Polyvinyl Chloride (PVC)

产品标准Product Standards

GB/T 9330.2-2008

规格范围Specification range

芯数: 2~61 芯

导体标称截面: 0.5~10mm²

Number of cores: 2 to 61 cores

Conductor Nominal Section: 0.5~10mm²

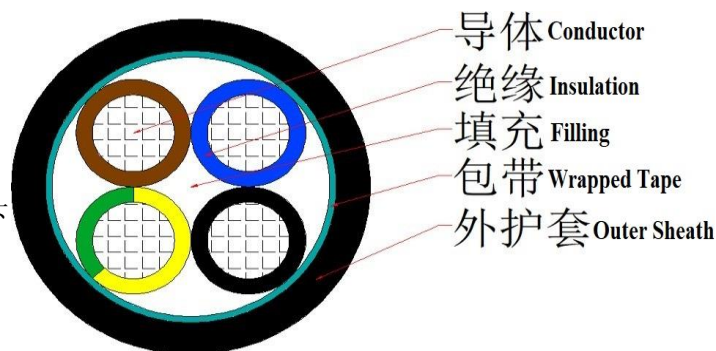
线芯识别Number of cores: 2 to 61 cores

2 芯2 cores: ●棕brown●蓝blue

3 芯3 cores: ●棕brown●蓝blue●黑black

或or●棕brown●蓝blue●黄/green

yellow/green



4 芯4 cores: ●棕brown●蓝blue●黑black●黑

black1

或or●棕brown●蓝blue●黑black●黄/green

5 芯5 cores: ●棕brown●蓝blue●黑black●棕brown 1●黑

black 1

或or●棕brown●蓝blue●黑black●黑 black1 黄/green

yellow/green

6 芯6cores and above及以上: ○白white 1~N

或or○白white 1~N-1 黄/green

yellow/green

护套颜色Sheath Color

●黑色 (或按客户要求)

●Black (or as customer's request)

技术参数technical parameter

额定电压Rated voltage (U_0/U)

450/750V

温度等级temperature grade

导体最高运行温度: +70°C使

用环境温度: -15°C~+40°C

电缆敷设温度: 不低于 0°C (环境温度低于 0°C时, 应对电缆进行预热)

Conductor's maximum operating temperature: +70°C

Ambient temperature: -15°C~+40°C

Cable laying temperature: not lower than 0°C (when the ambient temperature is lower than 0°C, the cable should be preheated)

最小弯曲半径Minimum bending radius

6D (D 为电缆实际外径)

6D (D is the actual outer

diameter of the cable)

KVV-450/750V 电缆结构参数 表 1

KVV-450/750V Cable Structure Parameters Table 1

规格 Spec. mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
2×0.5	0.85	0.6	1.2	6.9	52.8
2×0.5(B)	0.90	0.6	1.2	7.0	54.1
2×0.75	1.02	0.6	1.2	7.2	60.7
2×0.75(B)	1.10	0.6	1.2	7.4	62.7
2×1	1.16	0.6	1.2	7.5	68.0
2×1(B)	1.29	0.6	1.2	7.8	71.1
2×1.5	1.41	0.7	1.2	8.4	87.9
2×1.5(B)	1.56	0.7	1.2	8.7	91.8
2×2.5	1.81	0.8	1.2	9.7	121.2
2×2.5(B)	2.04	0.8	1.2	10.1	127.5
2×4	2.28	0.8	1.2	10.6	159.4
2×4(B)	2.55	0.8	1.2	11.1	166.9
2×6	2.78	0.8	1.2	11.6	207.5
2×6(B)	3.10	0.8	1.2	12.2	216.6
2×10	4.00	1.0	1.5	15.5	348.9
3×0.5	0.85	0.6	1.2	7.2	63.1
3×0.5(B)	0.90	0.6	1.2	7.3	64.8
3×0.75	1.02	0.6	1.2	7.6	73.8
3×0.75(B)	1.10	0.6	1.2	7.8	76.3
3×1	1.16	0.6	1.2	7.9	83.9
3×1(B)	1.29	0.6	1.2	8.2	87.6
3×1.5	1.41	0.7	1.2	8.9	110.5
3×1.5(B)	1.56	0.7	1.2	9.2	115.2
3×2.5	1.81	0.8	1.2	10.2	156.0
3×2.5(B)	2.04	0.8	1.2	10.7	163.7
3×4	2.28	0.8	1.2	11.2	209.6
3×4(B)	2.55	0.8	1.2	11.8	218.7
3×6	2.78	0.8	1.2	12.3	277.7
3×6(B)	3.10	0.8	1.2	13.0	288.6
3×10	4.00	1.0	1.5	16.5	466.0
4×0.5	0.85	0.6	1.2	7.8	75.3
4×0.5(B)	0.90	0.6	1.2	7.9	77.4
4×0.75	1.02	0.6	1.2	8.2	89.1
4×0.75(B)	1.10	0.6	1.2	8.4	92.1
4×1	1.16	0.6	1.2	8.5	102.1
4×1(B)	1.29	0.6	1.2	8.8	106.6
4×1.5	1.41	0.7	1.2	9.6	136.1

4×1.5(B)	1.56	0.7	1.2	10.0	141.9
4×2.5	1.81	0.8	1.2	11.1	194.7

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
4×2.5(B)	2.04	0.8	1.2	11.7	204.0
4×4	2.28	0.8	1.2	12.3	264.4
4×4(B)	2.55	0.8	1.2	12.9	275.7
4×6	2.78	0.8	1.5	14.1	372.9
4×6(B)	3.10	0.8	1.5	14.9	387.4
4×10	4.00	1.0	1.5	18.1	592.9
5×0.5	0.85	0.6	1.2	8.4	88.1
5×0.5(B)	0.90	0.6	1.2	8.5	90.6
5×0.75	1.02	0.6	1.2	8.8	105.0
5×0.75(B)	1.10	0.6	1.2	9.0	108.6
5×1	1.16	0.6	1.2	9.2	120.9
5×1(B)	1.29	0.6	1.2	9.6	126.4
5×1.5	1.41	0.7	1.2	10.5	162.5
5×1.5(B)	1.56	0.7	1.2	10.9	169.5
5×2.5	1.81	0.8	1.2	12.1	234.5
5×2.5(B)	2.04	0.8	1.2	12.7	245.8
5×4	2.28	0.8	1.5	14.0	340.1
5×4(B)	2.55	0.8	1.5	14.7	354.5
5×6	2.78	0.8	1.5	15.3	452.4
5×6(B)	3.10	0.8	1.5	16.2	469.7
5×10	4.00	1.0	1.5	19.8	723.3
7×0.5	0.85	0.6	1.2	9.0	106.4
7×0.5(B)	0.90	0.6	1.2	9.2	109.5
7×0.75	1.02	0.6	1.2	9.5	128.6
7×0.75(B)	1.10	0.6	1.2	9.8	133.0
7×1	1.16	0.6	1.2	9.9	149.7
7×1(B)	1.29	0.6	1.2	10.3	156.1
7×1.5	1.41	0.7	1.2	11.3	203.6
7×1.5(B)	1.56	0.7	1.2	11.8	211.9
7×2.5	1.81	0.8	1.5	13.8	317.1
7×2.5(B)	2.04	0.8	1.5	14.5	331.3
7×4	2.28	0.8	1.5	15.2	434.6
7×4(B)	2.55	0.8	1.5	16.0	451.3
7×6	2.78	0.8	1.5	16.7	585.2
7×6(B)	3.10	0.8	1.5	17.6	604.9
7×10	4.00	1.0	1.7	22.0	960.0

8×0.5	0.85	0.6	1.2	10.0	125.6
8×0.5(B)	0.90	0.6	1.2	10.1	129.4
8×0.75	1.02	0.6	1.2	10.5	151.9
8×0.75(B)	1.10	0.6	1.2	10.8	157.2

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
8×1	1.16	0.6	1.2	11.0	176.6
8×1(B)	1.29	0.6	1.2	11.5	184.7
8×1.5	1.41	0.7	1.2	12.6	241.1
8×1.5(B)	1.56	0.7	1.2	13.1	251.4
8×2.5	1.81	0.8	1.5	15.3	374.5
8×2.5(B)	2.04	0.8	1.5	16.1	392.6
8×4	2.28	0.8	1.5	17.0	512.7
8×4(B)	2.55	0.8	1.5	17.9	534.3
8×6	2.78	0.8	1.5	18.7	689.6
8×6(B)	3.10	0.8	1.5	19.8	715.4
8×10	4.00	1.0	1.7	24.8	1136.9
10×0.5	0.85	0.6	1.2	11.1	152.5
10×0.5(B)	0.90	0.6	1.2	11.3	157.3
10×0.75	1.02	0.6	1.2	11.8	185.2
10×0.75(B)	1.10	0.6	1.2	12.1	192.0
10×1	1.16	0.6	1.2	12.4	216.2
10×1(B)	1.29	0.6	1.2	12.9	226.2
10×1.5	1.41	0.7	1.5	14.8	317.0
10×1.5(B)	1.56	0.7	1.5	15.4	330.9
10×2.5	1.81	0.8	1.5	17.3	461.0
10×2.5(B)	2.04	0.8	1.5	18.2	483.6
10×4	2.28	0.8	1.5	19.1	633.8
10×4(B)	2.55	0.8	1.5	20.2	660.8
10×6	2.78	0.8	1.7	21.6	875.0
10×6(B)	3.10	0.8	1.7	22.8	908.7
10×10	4.00	1.0	1.7	28.1	1413.1
12×0.5	0.85	0.6	1.2	11.5	171.2
12×0.5(B)	0.90	0.6	1.2	11.7	176.5
12×0.75	1.02	0.6	1.2	12.2	209.3
12×0.75(B)	1.10	0.6	1.2	12.5	217.0
12×1	1.16	0.6	1.2	12.7	245.6
12×1(B)	1.29	0.6	1.5	13.9	275.9
12×1.5	1.41	0.7	1.5	15.3	360.1
12×1.5(B)	1.56	0.7	1.5	15.9	375.5
12×2.5	1.81	0.8	1.5	17.8	528.0
12×2.5(B)	2.04	0.8	1.5	18.8	553.2
12×4	2.28	0.8	1.5	19.8	731.2

12×4(B)	2.55	0.8	1.7	21.3	781.1
12×6	2.78	0.8	1.7	22.3	1012.7
12×6(B)	3.10	0.8	1.7	23.6	1049.9

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
12×10	4.00	1.0	1.7	29.1	1640.8
14×0.5	0.85	0.6	1.2	12.0	191.9
14×0.5(B)	0.90	0.6	1.2	12.2	198.0
14×0.75	1.02	0.6	1.2	12.7	235.8
14×0.75(B)	1.10	0.6	1.5	13.7	263.3
14×1	1.16	0.6	1.5	14.0	296.8
14×1(B)	1.29	0.6	1.5	14.6	310.3
14×1.5	1.41	0.7	1.5	16.0	407.0
14×1.5(B)	1.56	0.7	1.5	16.7	424.4
14×2.5	1.81	0.8	1.5	18.7	600.1
14×2.5(B)	2.04	0.8	1.5	19.7	628.5
14×4	2.28	0.8	1.7	21.2	854.7
14×4(B)	2.55	0.8	1.7	22.4	889.4
14×6	2.78	0.8	1.7	23.4	1158.6
14×6(B)	3.10	0.8	1.7	24.8	1200.2
14×10	4.00	1.0	2.0	31.3	1925.0
16×0.5	0.85	0.6	1.2	12.6	213.8
16×0.5(B)	0.90	0.6	1.2	12.8	220.6
16×0.75	1.02	0.6	1.5	14.0	282.9
16×0.75(B)	1.10	0.6	1.5	14.4	293.0
16×1	1.16	0.6	1.5	14.7	331.2
16×1(B)	1.29	0.6	1.5	15.3	346.4
16×1.5	1.41	0.7	1.5	16.8	456.0
16×1.5(B)	1.56	0.7	1.5	17.5	475.5
16×2.5	1.81	0.8	1.5	19.7	674.9
16×2.5(B)	2.04	0.8	1.7	21.2	726.3
16×4	2.28	0.8	1.7	22.3	962.9
16×4(B)	2.55	0.8	1.7	23.6	1001.8
16×6	2.78	0.8	1.7	24.7	1308.6
16×6(B)	3.10	0.8	1.7	26.2	1355.3
16×10	4.00	1.0	2.0	33.0	2175.6
19×0.5	0.85	0.6	1.5	13.9	255.1
19×0.5(B)	0.90	0.6	1.5	14.1	263.0
19×0.75	1.02	0.6	1.5	14.7	313.4
19×0.75(B)	1.10	0.6	1.5	15.1	324.4
19×1	1.16	0.6	1.5	15.4	369.0
19×1(B)	1.29	0.6	1.5	16.1	384.9

19×1.5	1.41	0.7	1.5	17.7	510.1
19×1.5(B)	1.56	0.7	1.5	18.5	530.9
19×2.5	1.81	0.8	1.7	21.2	779.3

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
19×2.5(B)	2.04	0.8	1.7	22.3	813.8
19×4	2.28	0.8	1.7	23.5	1089.8
19×4(B)	2.55	0.8	1.7	24.9	1130.3
19×6	2.78	0.8	1.7	26.0	1489.5
19×6(B)	3.10	0.8	1.7	27.6	1537.2
19×10	4.00	1.0	2.0	34.9	2469.9
24×0.5	0.85	0.6	1.5	16.0	329.2
24×0.5(B)	0.90	0.6	1.5	16.3	339.7
24×0.75	1.02	0.6	1.5	17.0	404.9
24×0.75(B)	1.10	0.6	1.5	17.5	419.9
24×1	1.16	0.6	1.5	17.8	477.0
24×1(B)	1.29	0.6	1.5	18.6	499.0
24×1.5	1.41	0.7	1.7	21.0	681.9
24×1.5(B)	1.56	0.7	1.7	21.9	711.6
24×2.5	1.81	0.8	1.7	24.7	1012.3
24×2.5(B)	2.04	0.8	1.7	26.0	1060.7
24×4	2.28	0.8	1.7	27.5	1415.0
24×4(B)	2.55	0.8	1.7	29.1	1472.9
24×6	2.78	0.8	2.0	31.1	1976.0
24×6(B)	3.10	0.8	2.0	33.0	2048.0
24×10	4.00	1.0	2.2	41.4	3259.5
27×0.5	0.85	0.6	1.5	16.3	356.3
27×0.5(B)	0.90	0.6	1.5	16.6	367.6
27×0.75	1.02	0.6	1.5	17.3	440.1
27×0.75(B)	1.10	0.6	1.5	17.8	456.3
27×1	1.16	0.6	1.5	18.2	520.1
27×1(B)	1.29	0.6	1.5	19.0	543.8
27×1.5	1.41	0.7	1.7	21.4	744.7
27×1.5(B)	1.56	0.7	1.7	22.4	776.7
27×2.5	1.81	0.8	1.7	25.2	1110.4
27×2.5(B)	2.04	0.8	1.7	26.6	1162.7
27×4	2.28	0.8	1.7	28.1	1558.6
27×4(B)	2.55	0.8	1.7	29.7	1620.6
27×6	2.78	0.8	2.0	31.8	2179.6
27×6(B)	3.10	0.8	2.0	33.8	2256.7
27×10	4.00	1.0	2.2	42.3	3597.3
30×0.5	0.85	0.6	1.5	16.8	386.8

30×0.5(B)	0.90	0.6	1.5	17.2	399.4
30×0.75	1.02	0.6	1.5	17.9	479.2
30×0.75(B)	1.10	0.6	1.5	18.4	497.0

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
30×1	1.16	0.6	1.5	18.8	567.5
30×1(B)	1.29	0.6	1.5	19.7	593.4
30×1.5	1.41	0.7	1.7	22.2	813.5
30×1.5(B)	1.56	0.7	1.7	23.1	848.3
30×2.5	1.81	0.8	1.7	26.1	1216.8
30×2.5(B)	2.04	0.8	1.7	27.6	1273.6
30×4	2.28	0.8	1.7	29.1	1712.1
30×4(B)	2.55	0.8	2.0	31.5	1823.3
30×6	2.78	0.8	2.0	32.9	2396.0
30×6(B)	3.10	0.8	2.0	35.0	2479.5
30×10	4.00	1.0	2.2	43.9	3956.8
37×0.5	0.85	0.6	1.5	18.1	443.1
37×0.5(B)	0.90	0.6	1.5	18.4	457.4
37×0.75	1.02	0.6	1.5	19.3	553.3
37×0.75(B)	1.10	0.6	1.5	19.8	573.1
37×1	1.16	0.6	1.7	20.7	677.8
37×1(B)	1.29	0.6	1.7	21.6	707.1
37×1.5	1.41	0.7	1.7	23.9	946.5
37×1.5(B)	1.56	0.7	1.7	24.9	984.9
37×2.5	1.81	0.8	1.7	28.2	1424.3
37×2.5(B)	2.04	0.8	1.7	29.8	1486.2
37×4	2.28	0.8	2.0	32.1	2063.0
37×4(B)	2.55	0.8	2.0	34.0	2138.3
37×6	2.78	0.8	2.2	36.0	2868.4
37×6(B)	3.10	0.8	2.2	38.2	2959.3
37×10	4.00	1.0	2.5	48.1	4740.2
44×0.5	0.85	0.6	1.7	20.6	563.8
44×0.5(B)	0.90	0.6	1.7	21.0	582.2
44×0.75	1.02	0.6	1.7	22.0	699.8
44×0.75(B)	1.10	0.6	1.7	22.6	725.8
44×1	1.16	0.6	1.7	23.1	829.5
44×1(B)	1.29	0.6	1.7	24.1	867.7
44×1.5	1.41	0.7	1.7	26.8	1161.5
44×1.5(B)	1.56	0.7	1.7	28.0	1211.7
44×2.5	1.81	0.8	2.0	32.3	1794.8
44×2.5(B)	2.04	0.8	2.0	34.1	1879.6
44×4	2.28	0.8	2.2	36.5	2558.9

44×4(B)	2.55	0.8	2.2	38.6	2662.0
44×6	2.78	0.8	2.2	40.5	3502.5
44×6(B)	3.10	0.8	2.2	43.0	3626.1

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 Spec mm ²	导体直径 diameter of conductor mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
44×10	4.00	1.0	2.5	54.2	5815.9
48×0.5	0.85	0.6	1.7	20.9	599.4
48×0.5(B)	0.90	0.6	1.7	21.3	619.0
48×0.75	1.02	0.6	1.7	22.3	746.1
48×0.75(B)	1.10	0.6	1.7	23.0	773.8
48×1	1.16	0.6	1.7	23.4	886.4
48×1(B)	1.29	0.6	1.7	24.5	926.8
48×1.5	1.41	0.7	1.7	27.2	1244.0
48×1.5(B)	1.56	0.7	1.7	28.4	1297.2
48×2.5	1.81	0.8	2.0	32.8	1924.9
48×2.5(B)	2.04	0.8	2.0	34.7	2014.7
48×4	2.28	0.8	2.2	37.0	2749.9
48×4(B)	2.55	0.8	2.2	39.2	2858.7
48×6	2.78	0.8	2.2	41.1	3772.5
48×6(B)	3.10	0.8	2.2	43.7	3902.6
48×10	4.00	1.0	2.5	55.1	6264.2
52×0.5	0.85	0.6	1.7	21.5	639.3
52×0.5(B)	0.90	0.6	1.7	21.9	660.4
52×0.75	1.02	0.6	1.7	22.9	797.3
52×0.75(B)	1.10	0.6	1.7	23.6	827.1
52×1	1.16	0.6	1.7	24.1	948.6
52×1(B)	1.29	0.6	1.7	25.2	991.8
52×1.5	1.41	0.7	1.7	27.9	1333.6
52×1.5(B)	1.56	0.7	1.7	29.2	1390.5
52×2.5	1.81	0.8	2.0	33.7	2065.3
52×2.5(B)	2.04	0.8	2.0	35.6	2161.1
52×4	2.28	0.8	2.2	38.1	2954.0
52×4(B)	2.55	0.8	2.2	40.3	3069.9
52×6	2.78	0.8	2.2	42.3	4058.1
52×6(B)	3.10	0.8	2.2	45.0	4196.6
52×10	4.00	1.0	2.5	56.7	6739.7
61×0.5	0.85	0.6	1.7	22.7	704.7
61×0.5(B)	0.90	0.6	1.7	23.2	727.7
61×0.75	1.02	0.6	1.7	24.2	884.5
61×0.75(B)	1.10	0.6	1.7	25.0	916.4
61×1	1.16	0.6	1.7	25.5	1056.8
61×1(B)	1.29	0.6	1.7	26.7	1102.4

61×1.5	1.41	0.7	1.7	29.6	1490.1
61×1.5(B)	1.56	0.7	2.0	31.6	1594.4
61×2.5	1.81	0.8	2.2	36.2	2348.7

KVV-450/750V 电缆结构参数 表 1 续
KVV-450/750V Cable Structure Parameters Table 1 Continued

规格 spec. mm²	导体直径 conductor diameter mm	绝缘标称厚度 insulation nominal thickness mm	护套标称厚度 sheath nominal thickness mm	电缆近似外径 cable approximate outer diameter mm	电缆近似重量 cable approximate weight kg/km
61×2.5(B)	2.04	0.8	2.2	38.3	2450.7
61×4	2.28	0.8	2.2	40.4	3328.2
61×4(B)	2.55	0.8	2.2	42.8	3448.0
61×6	2.78	0.8	2.2	44.9	4592.7
61×6(B)	3.10	0.8	2.5	48.4	4801.6
61×10	4.00	1.0	2.5	60.3	7608.1

注：1.多芯电缆线芯中带有黄绿双色时，应与其他线芯分别表示。
如KVV-450/750V 23×1.5+1×1.5 后一个1.5mm²表示含有一根黄绿双色线芯。
Note: 1. When the multi-core cable core has yellow and green colors, it should be expressed separately from other cores.
For example, KVV-450/750V 23×1.5+1×1.5, the last 1.5mm2 means it contains a yellow-green two-color wire core.

电缆用导体直流电阻 表 2
Cable Conductor DC Resistance Table 2

标称 截面 Nom inal secti on mm²	20℃时导体最大电阻 Ω/km Maximum conductor resistance at 20℃ Ω/km					
	圆形退火铜导体 Round Annealed Copper Conductor					
	第1种实心导体 Type 1 solid conductor		第2种绞合导体 Type 2 Stranded Conductor		第5种软导体 Type 5 Flexible Conductor	
	不镀金属 not metal plated	镀金属 metal plated	不镀金属 not metal plated	镀金属 metal plated	不镀金属 not metal plated	镀金属 metal plated
0.5	36.0	36.7	36.0	36.7	39.0	40.1
0.75	24.5	24.8	24.5	24.8	26.0	26.7
1	18.1	18.2	18.1	18.2	19.5	20.0
1.5	12.1	12.2	12.1	12.2	13.3	13.7
2.5	7.41	7.56	7.41	7.56	7.98	8.21
4	4.61	4.70	4.61	4.70	4.95	5.09
6	3.08	3.11	3.08	3.11	3.30	3.39
10	1.83	1.84	1.83	1.84	1.91	1.95

电缆导体载流量阻 表 3 绝缘PVC

Cable Conductor Ampacity Table 3 Insulation PVC

截面 Nominal section mm ²	载流量A 环境温度45°C Ampacity A Ambient temperature 45°C					
	第1 种实心导体或第 2 种绞合导体 The 1st solid conductor or 2nd stranded conductor			第5 种软导体 Type 5 Flexible Conductor		
	2 芯 2 cores	3 芯或4 芯 3 cores or 4 cores	5 芯及以上 5 cores and above	2 芯 2 cores	3 芯或4 芯 3 cores or 4 cores	5 芯及以上 5 cores and above
0.5	6	4	3	5	4	3
0.75	8	6	5	7	5	4
1.0	10	8	6	9	7	5
1.5	13	11	10	12	10	9
2.5	18	15	14	16	13	12
4	25	20	18	23	18	16
6	31	26	24	29	24	22
10	43	36	34	41	34	32

电缆导体载流量 表 4 绝缘：XLPE
 Cable Conductor Ampacity Table 4 Insulation: XLPE

截面 Nominal section mm ²	载流量 A 环境温度 45°C					
	第1 种实心导体或第 2 种绞合导体 The 1st solid conductor or 2nd stranded conductor			第5 种软导体 Type 5 Flexible Conductor		
	2 芯 2 cores	3 芯或4 芯 3 cores or 4 cores	5 芯及以上 5 cores and above	2 芯 2 core s	3 芯或4 芯 3 cores or 4 cores	5 芯及以上 5 cores and above
0.5	9	6	4	8	5	3
0.75	12	9	7	11	8	6
1.0	15	12	10	14	11	9
1.5	20	16	14	18	14	13
2.5	26	21	18	24	19	16
4	34	28	26	32	26	24
6	44	36	34	42	34	32
10	61	50	47	59	48	45