

BVV型 铜芯聚氯乙烯绝缘聚氯乙烯护套圆形电缆  
 BVVB型 铜芯聚氯乙烯绝缘聚氯乙烯护套扁形电缆  
 BVV Copper-core PVC-insulated PVC-sheathed round cable  
 BVVB Copper-core PVC-insulated PVC-sheathed flat cable



固定布线用电线电缆系列 WIRES & CABLES FOR FIXED WIRING

3C证书号:  
2005010105158878



应用范围

主要适用于建筑配套、电器开关和动力照明等固定布线。

APPLICATIONS

mainly for fixed wiring of building accessories, electric switches, power and lighting parts.

电线结构

单根、多股裸绞铜丝或镀锡铜丝导体；  
PVC/C型绝缘,二、三芯平行排列成形, PVC/ST4型护套。

WIRE MAKE-UP

Bare copper/tinned copper stranded single conductor;  
PVC/C insulation, 2/3 cores arrayed in parallel, PVC/ST4 sheath

技术参数

- ① 温度范围: 固定安装 -15°C ~ +70°C
- ② 额定电压:  $U_0/U$  300/500V
- ③ 符合标准: JB 8734.2-1998
- ④ 导体标准: GB/T 3956-1997 第1、2种
- ⑤ 弯曲半径: 大于4× 电线外径

TECHNICAL DATA

- ① Operating Temp.: -15°C ~ +70°C for fixed wiring
- ② Rated Voltage:  $U_0/U$  300/500V, 450/750V
- ③ Governing Standards: JB 8734.2-1998
- ④ Conductor Standards: Category 1, 2 in GB/T 3956-1997
- ⑤ Bending Radius: more than 4× wire O.D.

导体截面 Cross Section mm <sup>2</sup>	导体结构 根数/单根直径 Conductor Structure Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20°C时 最大电阻 Max. Cond. R@20°C ≤ ( Ω/Km )	环境温度 30°C架空时 参考载流量(A) Ampacity@30°C Ambient (aerial cable)
<b>BVV 300/500V</b>						
0.75	1/0.97	3.77	4.40	24.2	24.5	15
1	1/1.13	3.93	4.50	27.8	18.1	18
1.5	1/1.38	4.38	5.00	36.4	12.1	23
1.5	7/0.52	4.56	5.20	38.5	12.1	23
2.5	1/1.78	4.98	5.70	51.1	7.41	31
2.5	7/0.68	5.24	5.90	55.2	7.41	31
4	1/2.25	5.65	6.50	71.8	4.61	42
4	7/0.85	5.95	6.80	76.6	4.61	42
6	1/2.76	6.16	7.10	95.1	3.08	54
6	7/1.04	6.52	7.30	101	3.08	54
10	7/1.35	7.85	8.80	157	1.83	78
<b>BVVB 300/500V</b>						
2×0.75	2×1/0.97	3.97×6.14	4.6×7.1	45.9	24.5	12
2×1	2×1/1.13	4.13×6.46	4.8×7.4	53.2	18.1	14
2×1.5	2×1/1.38	4.58×7.36	5.3×8.5	70.7	12.1	18
2×2.5	2×1/1.78	5.38×8.76	6.2×10.1	105	7.41	26
2×4	2×1/2.25	5.85×9.70	6.7×11.1	141	4.61	36
2×4	2×7/0.85	6.15×10.30	6.9×11.5	151	4.61	36
2×6	2×1/2.76	6.56×10.92	7.5×12.5	194	3.08	47
2×6	2×7/1.04	6.92×11.64	7.8×13.0	207	3.08	47
2×10	2×7/1.35	8.45×14.50	9.5×16.2	330	1.83	68

( 续 )

导体截面 Cross Section 芯数 × mm <sup>2</sup> Core No. × mm <sup>2</sup>	导体结构 芯数 × 根数/单根直径 Conductor Structure Core No. × Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ ( Ω/Km )	环境温度 30℃架空时 参考载流量(A) Ambient (aerial cable)
3×0.75	3×1/0.97	3.97×8.31	4.6×9.6	65.3	24.5	9
3×1	3×1/1.13	4.13×8.79	4.8×10.1	76.3	18.1	11
3×1.5	3×1/1.38	4.58×10.14	5.3×11.7	103	12.1	12
3×2.5	3×1/1.78	5.38×12.14	6.2×14.0	153	7.41	20
3×4	3×1/2.25	6.05×13.75	7.0×15.8	214	4.61	26
3×4	3×7/0.85	6.35×14.65	7.1×16.3	229	4.61	26
3×6	3×1/2.76	6.56×15.28	7.5×17.5	285	3.08	32
3×6	3×7/1.04	6.92×16.36	7.8×18.2	305	3.08	32
3×10	3×7/1.35	8.45×20.55	9.5×23.0	489	1.83	54

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)