

屏蔽电线电缆系列 SHIELDED WIRES & CABLES

3C证书号：
200501010515881



应用范围

适用于额定电压300/300V及以下,一般或有耐热要求,抗电磁干扰的电器、仪表、电子设备及自动化装置。

APPLICATIONS

For wiring of various general-use or heat resistant, anti-electromagnetic interference electric appliances, instruments/gauges, electronic equipment and other automated equipment at/below voltage 300/300V.

电线结构

单根实芯裸铜丝或镀锡铜丝导体;
PVC/C型绝缘 (RVP), PVC/E型绝缘 (RVP-90);
绝缘外用细裸铜丝或镀锡铜丝编织。

WIRE MAKE-UP

Single solid bare copper/tinned copper conductor
PVC/C insulation (RVP), PVC/E insulation (RVP-90)
with fine bare copper/tinned copper braid outside the insulation

技术参数

- ① 温度范围: 固定安装-15℃ ~ +70℃ (RVP)
-15℃ ~ +90℃ (RVP-90)
- ② 额定电压: U₀/U 300/300V
- ③ 符合标准: JB 8734.5-1998, 企标※
- ④ 导体标准: GB/T 3956-1997 第5、6种
- ⑤ 弯曲半径: 大于6× 电线外径

TECHNICAL DATA

- ① Operating Temp.:
-15℃ ~ +70℃ (RVP)
-15℃ ~ +90℃ (RVP-90)
- ② Rated Voltage: U₀/U 300/300V
- ③ Governing Standards: JB 8734.5-1998, enterprise standards
- ④ Conductor Standards: Category 5, 6 in GB/T 3956-1997
- ⑤ Bending Radius: more than 6 × wire O.D.

导体截面 Cross Section 芯数 × mm ² Core. No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 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) Ampacity @ 30℃ Ambient (aerial cable) RVP RVP-90	
企标 RVP、RVP-90 300/300V							
※ 1 × 0.035	1 × 7/0.08	1.37	1.5	3.0	572		
※ 1 × 0.06	1 × 7/0.10	1.43	1.6	3.4	366		
JB 8734.5-1998 RVP、RVP-90 300/300V							
1 × 0.08	1 × 7/0.12	1.66	1.9	4.6	247	1	2
1 × 0.12	1 × 7/0.15	1.75	2.0	5.2	158	2	3
1 × 0.2	1 × 12/0.15	1.92	2.2	8.2	92.3	4	5
1 × 0.3	1 × 16/0.15	2.21	2.6	10.4	69.2	8	10
1 × 0.4	1 × 23/0.15	2.65	3.0	15.4	48.2	10	13
1 × 0.5	1 × 16/0.20	2.69	3.1	16.6	39.0	12	15
1 × 0.75	1 × 24/0.20	2.95	3.4	20.5	26.0	14	20
1 × 1	1 × 32/0.20	3.29	3.8	25.7	19.5	17	24
1 × 1.5	1 × 30/0.25	3.55	4.1	31.9	13.3	22	30
1 × 2.5	1 × 50/0.25	4.25	4.9	46.5	7.98	29	42
2 × 0.08	2 × 7/0.12	1.66 × 2.82	1.9 × 3.3	8.2	247	1	2
2 × 0.12	2 × 7/0.15	1.75 × 3.00	2.0 × 3.5	9.5	158	2	3
2 × 0.2	2 × 12/0.15	1.92 × 3.34	2.2 × 3.9	14.4	92.3	3	4
2 × 0.3	2 × 16/0.15	2.46 × 4.17	2.8 × 4.8	23.0	69.2	6	8
2 × 0.4	2 × 23/0.15	2.65 × 4.55	3.0 × 5.2	27.5	48.2	8	10
2 × 0.5	2 × 16/0.20	2.69 × 4.63	3.1 × 5.4	29.7	39.0	9	11
2 × 0.75	2 × 24/0.20	2.95 × 5.15	3.4 × 6.0	37.3	26.0	11	16
2 × 1	2 × 32/0.20	3.29 × 5.83	3.8 × 6.8	47.3	19.5	13	18
2 × 1.5	2 × 30/0.25	3.55 × 6.35	4.1 × 7.4	59.4	13.3	17	23

(续)

导体截面 Cross Section 芯数 × mm ² Core. No. × mm ²	导体结构 Conductor Structure 芯数 × 根数/单根直径 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)	
						RVP	RVP-90
2×0.08	2×7/0.12	2.82	3.3	9.5	247	1	2
2×0.12	2×7/0.15	3.00	3.5	11.2	158	2	3
2×0.2	2×12/0.15	3.34	3.9	17.0	92.3	3	4
2×0.3	2×16/0.15	4.17	4.8	26.9	69.2	6	8
2×0.4	2×23/0.15	4.55	5.2	32.2	48.2	8	10
2×0.5	2×16/0.20	4.63	5.4	33.5	39.0	9	11
2×0.75	2×24/0.20	5.15	6.0	42.6	26.0	11	16
2×1	2×32/0.20	5.83	6.8	53.3	19.5	13	18
2×1.5	2×30/0.25	6.35	7.4	66.9	13.3	17	23

※ 不可印有CCC标记

▲ 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)

※ "CCC" mark on cable product is not allowed.

▲ 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)