

**3C证书号:**  
**2005010105158881**

CCC A042117 AV 300/300V 0.08mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

CCC A042117 AV-90 90℃ 300/300V 0.08mm<sup>2</sup> SHANGHAI HANKE DIANXIAN YOUXIAN GONGSI

### 应用范围

适用于额定电压300/300V及以下,一般或有耐热要求的电器、仪表、电子设备等自动化装置的内部布线用。

### APPLICATIONS

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

### 电线结构

单根实心裸铜丝或镀锡铜丝导体;  
PVC/C型 (AV)、PVC/E型 (AV-90) 绝缘。

### WIRE MAKE-UP

Single solid bare copper/tinned copper conductor  
PVC/C insulation (AV), PVC/E insulation (AV-90)

### 技术参数

- ☑ 温度范围: -15℃ ~ +70℃ (AV)  
-15℃ ~ +90℃ (AV-90)
- ☑ 额定电压: U<sub>0</sub>/U 300/300V
- ☑ 符合标准: JB 8734.4-1998、企标\*
- ☑ 导体标准: GB/T 3956-1997 第1种

### TECHNICAL DATA

- ☑ Operating Temp.:  
-15℃ ~ +70℃ (AV)  
-15℃ ~ +90℃ (AV-90)
- ☑ Rated Voltage: U<sub>0</sub>/U 300/300V
- ☑ Governing Standards: JB 8734.4-1998, enterprise standards
- ☑ Conductor Standards: Category 1 in GB/T 3956-1997

导体截面 Cross Section 芯数 × mm <sup>2</sup> Core. No. × mm <sup>2</sup>	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) AV AV-90	
<b>企标 AV、AV-90 300/300V</b>							
※ 0.03	1/0.20	0.70	0.8	0.8	587.7		
※ 0.06	1/0.30	0.90	1.0	1.5	261.2		
<b>JB 8734.4-1998 AV、AV-90 300/300V</b>							
0.08	1/0.32	1.12	1.3	2.1	225.2	1	2
0.12	1/0.40	1.20	1.4	2.6	144.1	2	3
0.2	1/0.50	1.30	1.5	3.5	92.3	4	5
0.3	1/0.60	1.40	1.6	4.4	64.1	8	10
0.4	1/0.70	1.50	1.7	5.6	47.1	10	13

※ 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)