

国外标准电线电缆系列 FOREIGN STANDARDS-BASED WIRES & CABLES

UL CUL 认可号:
E255620



表面印字: E255620 AWM1284 105℃ 600V VW-1 x x AWG SHHKW AWM I A 105℃ 600V FT-1

应用范围

适用于电器内部接线,60℃耐油,电子用途可至2500V峰值。

APPLICATIONS

For internal wiring in electrical appliances; 60℃ oil resistant; peak withstand voltage 2500V for electronic application

电线结构

单根、多股束绞裸铜丝或镀锡铜丝导体,PVC绝缘。

WIRE MAKE-UP

Multi-stranded fine bare copper/tincopper single conductor PVC insulation

技术参数

- ① 温度范围: 105℃
- ② 额定电压: 600V
- ③ 符合标准: UL 758、1581及CSA 22.2 N 210.2
通过 UL VW-1及CSA FT-1 垂直燃烧试验

TECHNICAL DATA

- ① Operating Temp.: 105℃
- ② Rated Voltage: 600V
- ③ Governing Std.: UL 758, 1581 and CSA 22.2 N 210.2
Proved by vertical flame test in accordance with UL VW-1 and CSA FT-1

规格 Size AWG	导体结构 Conductor Structure 根数/单根直径 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)
1	333/0.404	13.61	14.7	530	0.47	211
1/0	425/0.404	14.51	15.6	642	0.37	220
2/0	536/0.404	16.00	17.1	791	0.29	260
3/0	673/0.404	16.71	17.8	963	0.23	315
4/0	851/0.404	20.12	21.2	1212	0.18	330
250MCM	646/0.51	22.61	24.9	1489	0.14	360
300MCM	770/0.51	23.66	26.0	1739	0.12	400
350MCM	895/0.51	26.11	28.7	2009	0.10	420

▲ 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)