

UL CUL 认可号:
E255620

表面印字: E255620  AWM1027 90°C 600V VW-1 x x AWG SHHKW  AWM I A 90°C 600V FT-1

应用范围

适用于电器内部接线,60°C耐油,电子用途可至2500V峰值。

APPLICATIONS

For internal wiring in electrical appliances; 60°C 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

- 温度范围: 90°C
- 额定电压: 600V
- 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

- Operating Temp.: 90°C
- Rated Voltage: 600V
- 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°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)
1	19/1.68	12.60	13.9	502	0.47	211
1/0	19/1.89	13.65	15.0	620	0.37	220
2/0	19/2.12	14.80	16.3	762	0.29	260
3/0	19/2.38	16.10	17.7	942	0.23	315
4/0	37/1.92	17.55	19.3	1159	0.18	330

▲ 载流量是周围温度设定在30°C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°C and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)