

UL CUL 认可号:
E255620

表面印字: E255620 AWM1032 90°C 1000V VW-1 x x AWG SHHKW AWM I A 90°C 1000V FT-1

应用范围

适用于电子设备内部高压电路接线。

APPLICATIONS

For wiring of high-voltage circuit in electronic equipment

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: 1000V
- 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: 1000V
- 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)
30	7/0.102	1.92	2.1	4.6	350	
28	7/0.127	2.05	2.3	5.3	232	
26	7/0.16	2.15	2.4	6.1	146	
24	11/0.16	2.24	2.5	8.2	89.2	5
22	17/0.16	2.36	2.8	9.9	54.8	7
20	26/0.16	2.58	3.0	12.5	34.5	12
18	41/0.16	2.88	3.3	16.5	23.0	17
16	26/0.254	3.17	3.7	23.0	14.7	22
14	41/0.254	3.63	4.3	33.0	8.79	31
12	65/0.254	4.05	4.9	48.0	5.41	42
10	104/0.254	5.03	5.5	71.0	3.64	54
9	82/0.32	5.25	5.6	84.5	2.77	65

▲ 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)