

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  AWM1028 105℃ 600V VW-1 × × 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)
22	1/0.643	3.08	3.4	13.0	54.3	7
22	7/0.254	3.20	3.5	14.5	54.8	7
22	17/0.16	3.20	3.5	14.1	54.8	7
20	1/0.813	3.25	3.6	15.7	33.9	12
20	26/0.16	3.42	3.8	17.0	34.5	12
18	1/1.02	3.46	3.8	20.3	21.4	17
18	41/0.16	3.72	4.1	21.6	23.0	17
16	1/1.29	3.73	4.1	25.6	13.5	22
16	26/0.254	4.00	4.4	28.1	14.7	22
14	1/1.63	4.07	4.5	34.5	8.45	31
14	41/0.254	4.47	4.9	37.8	8.79	31
12	1/2.05	4.49	4.9	48.0	5.31	42
12	65/0.254	4.89	5.4	51.9	5.41	42
10	1/2.588	5.03	5.5	68.8	3.343	54
10	104/0.254	5.87	6.5	81.8	3.64	54
9	1/2.906	5.35	5.9	83.1	2.652	65
9	82/0.32	6.11	6.7	94.7	2.77	65
8	1/3.264	5.70	6.3	101	2.102	75
8	133/0.284	6.47	7.1	115	2.36	75

▲ 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)