

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 AWM1569 105℃ 300V VW-1 x xAWG SHHKW AWM I A 105℃ 300V FT

应用范围

适用于电器内部接线,不适用于移动或机械损失的场合。

APPLICATIONS

For internal wiring in electrical appliances;
not suitable for movable wiring or applications with possible
mechanical damage

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 bare copper/tincopper single conductor
PVC insulation

技术参数

- ① 温度范围: 80、90、105℃
- ② 额定电压: 300V
- 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.: 80、90、105℃
- ② Rated Voltage: 300V
- 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) Ambient (aerial cable)
30	1/0.254	1.10	1.2	1.73	347	
30	7/0.102	1.14	1.3	1.90	350	
28	1/0.32	1.16	1.3	2.12	218	
28	7/0.127	1.22	1.3	2.38	232	
26	1/0.404	1.25	1.4	2.72	138	
26	7/0.16	1.32	1.5	3.08	146	
24	1/0.511	1.35	1.5	3.64	85.9	5
24	7/0.203	1.48	1.6	4.27	89.2	5
24	11/0.16	1.45	1.6	4.20	89.2	5
22	1/0.643	1.48	1.6	4.97	54.3	7
22	7/0.254	1.60	1.8	5.95	54.8	7
22	17/0.10	1.60	1.8	5.59	54.8	7
20	1/0.813	1.65	1.8	7.08	33.9	12
20	26/0.16	1.82	2.0	7.77	34.5	12
18	1/1.02	1.86	2.0	10.3	21.4	17
18	41/0.16	2.12	2.3	11.3	23.0	17
16	1/1.29	2.13	2.3	15.3	13.5	22
16	26/0.254	2.41	2.7	17.4	14.7	22
14	1/1.63	2.47	2.7	23.0	8.45	31
14	41/0.254	2.87	3.0	24.8	8.79	31
12	1/2.05	2.89	3.0	35.0	5.31	42
12	65/0.254	3.29	3.4	37.4	5.41	42
10	1/2.588	3.43	3.6	53.9	3.343	54
10	104/0.254	4.27	4.4	60.7	3.64	54

▲ 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)