

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

表面印字: AWM 1061 80℃ 300V 24AWG SHHKW

应用范围

适用于电子设备机壳内部接线, 防止机械损伤。

APPLICATIONS

For internal wiring in electronic equipment casing,; with protections against mechanical damage

电线结构

单根、多股束绞裸铜丝或镀锡铜丝导体;
半硬型PVC绝缘。

WIRE MAKE-UP

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

技术参数

- ① 温度范围: 80℃
- ② 额定电压: 300V
- ③ 符合标准: UL 758、1581

TECHNICAL DATA

- ① Operating Temp.: 80℃
- ② Rated Voltage: 300V
- ③ Governing Std.: UL 758, 1581

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)
30	1/0.254	0.79	0.9	1.11	347	
30	7/0.10	0.83	0.9	1.24	350	
28	1/0.32	0.85	0.9	1.45	218	
28	7/0.127	0.91	1.0	1.67	232	
26	1/0.404	0.94	1.0	2.00	138	
26	7/0.16	1.01	1.1	2.30	146	
24	1/0.511	1.04	1.1	2.84	85.9	5
24	7/0.203	1.14	1.2	3.30	89.2	5
24	11/0.16	1.17	1.3	3.32	89.2	5
22	1/0.643	1.17	1.3	4.09	54.3	7
22	7/0.254	1.29	1.4	4.67	54.8	7
22	17/0.16	1.29	1.4	4.94	54.8	7
20	1/0.813	1.34	1.5	6.09	33.9	12
20	7/0.32	1.49	1.7	6.84	34.5	12
20	26/0.16	1.51	1.7	6.66	34.5	12
18	1/1.02	1.55	1.7	9.14	21.4	17
18	7/0.39	1.70	1.9	9.74	23.0	17
18	41/0.16	1.81	2.0	9.95	23.0	17
16	1/1.29	1.82	2.0	13.9	13.5	22
16	26/0.254	2.10	2.3	15.9	14.7	22

▲ 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)