

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

表面印字: AWM 3266 125°C 300V 24AWG SHHKW

应用范围

适用于电器、电子设备内部连接线;
电子用途时电压峰值可至600V。

APPLICATIONS

Suitable for internal wiring of electric appliances, electronic units;
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;
交联聚乙烯绝缘。

WIRE MAKE-UP

Multi-stranded bare copper/tincopper single conductor
Crosslinked polyethylene insulation

技术参数

- ① 温度范围: 125°C
- ② 额定电压: 300V
- ③ 符合标准: UL 758、1581

TECHNICAL DATA

- ① Operating Temp.: 125°C
- 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°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	1/0.254	1.10	1.2	1.8	347	
30	7/0.10	1.14	1.3	2.0	350	
28	1/0.32	1.16	1.3	2.2	218	
28	7/0.127	1.22	1.3	2.5	232	
26	1/0.404	1.25	1.4	2.8	138	
26	7/0.16	1.32	1.5	3.2	146	
24	1/0.511	1.35	1.5	3.7	85.9	5
24	11/0.16	1.48	1.6	4.3	89.2	5
22	1/0.643	1.48	1.6	5.1	54.3	7
22	17/0.16	1.60	1.8	5.7	54.8	7
20	1/0.813	1.65	1.8	7.2	33.9	12
20	26/0.16	1.82	2.0	7.9	34.5	12
18	1/1.02	1.86	2.0	10.4	21.4	17
18	41/0.16	2.12	2.3	11.4	23.0	17
16	1/0.29	2.03	2.2	15.14	13.5	22
16	26/0.254	2.41	2.7	17.5	14.7	22
14	1/1.63	2.47	2.7	23.1	8.45	31
14	41/0.254	2.87	3.2	25.0	8.79	31
12	1/2.05	2.89	3.2	35.1	5.31	42
12	65/0.254	3.29	3.6	37.6	5.41	42
10	1/2.588	3.43	3.8	54.0	3.343	54
10	104/0.254	4.27	4.7	64.2	3.64	54

▲ 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)