

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



表面印字: AWM 1618 80°C 300V 24AWG SHHKW

应用范围

适用于电子、电器及声频和视频装置设备的内部接线，特别可用于初级线路和有刃锐缘处的接线。

APPLICATIONS

Suitable for internal wiring of electronic, electric, audio and video devices, especially for primary circuit and wiring in locations with sharp edges.

电线结构

单根、多股束绞裸铜丝或镀锡铜丝导体；耐热PVC绝缘，双层绝缘。

WIRE MAKE-UP

Multi-stranded bare copper/tincopper single conductor Heat-resistant PVC insulation, double layer

技术参数

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

TECHNICAL DATA

- ① Operating Temp.: 80°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) Ambient (aerial cable)
26	1/0.404	2.20	2.5	7.8	138	
26	7/0.16	2.28	2.6	8.2	146	
24	1/0.511	2.31	2.6	9.0	85.9	5
24	11/0.16	2.44	2.7	9.7	89.2	5
22	1/0.643	2.44	2.7	10.7	54.3	7
22	17/0.16	2.56	2.8	11.4	54.8	7
20	1/0.813	2.61	3.0	13.2	33.9	12
20	26/0.16	2.78	3.1	14.0	34.5	12
18	1/1.02	2.82	3.2	16.9	21.4	17
18	41/0.16	3.08	3.4	18.2	23.0	17
16	1/1.29	3.09	3.4	22.6	13.5	22
16	26/0.254	3.37	3.7	24.6	14.7	22

▲ 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)