

阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

1

2

3

4

5

6

7

A

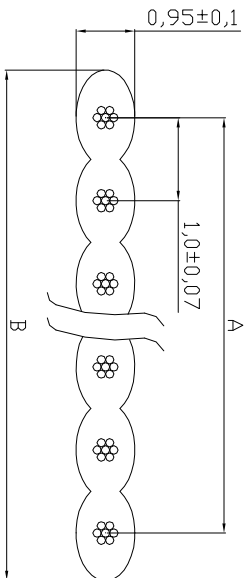
Material

① Insulation: PVC Color: Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey, White, Black
Insulation thickness: 9.5mil ave ; 8.5mil min.

Conduction

AWG size: 28AWG
Number of stands in each conductor: 7/0.127mm TC
Lay of strands in each conductor: 0.5 inch at least
Cross section area: 156 circular mil

B



C

Electronic characteristics

Spark test: 2500 V
Dielectric strength test: 2000V min. in 1 minute
Conductor resistance: 237Ω max./KM
Insulation resistance: 100MΩ max./KM
Capacity: 40pF/M
Inductance: 1.45μH/M
Impedance: 100Ω
Propagation delay time: 4.2ns/m

D

D

Cable physical properties

After seven days air oven at 136°C
Average tensile strength: 1500 Tlbs/inch²
Percent of original: 70% at least
Average elongation: 200%
Percent of original: 65% at least

E

E

Size of conductor AWG	Composition	A②	B②	Cores ^①	Size of conductor AWG	Composition	A②	B②
08	28	7/0.127	8.00±0.20	24	28	7/0.127	23.0±0.25	24.0±0.25
09	28	7/0.127	8.00±0.20	25	28	7/0.127	24.0±0.25	25.0±0.25
10	28	7/0.127	9.00±0.20	26	28	7/0.127	25.0±0.25	26.0±0.25
12	28	7/0.127	11.0±0.20	30	28	7/0.127	29.0±0.30	30.0±0.30
14	28	7/0.127	13.0±0.25	34	28	7/0.127	33.0±0.30	34.0±0.30
16	28	7/0.127	15.0±0.25	40	28	7/0.127	39.0±0.35	40.0±0.35
18	28	7/0.127	17.0±0.25	44	28	7/0.127	43.0±0.35	44.0±0.35
20	28	7/0.127	19.0±0.25	50	28	7/0.127	49.0±0.35	50.0±0.35

①

F

UL style: 2651

Rated temperature: 105°C

Rated voltage: 300V

Passes VW-1 vertical flame test

F

ROHS compliant

Unit: mm

G

G

Scale	Free	Customer-No.
TOLERANCE		

G

H

H

DIM	TOL	Update the tolerance	DATE	NAME	ASSMANN WSW-No.
①		Update	08.04.2015	Amy	AWG28-xx/F-1/300
②		Update the tolerance	04.11.2015	Amy	

H

H

Angle	TOL	Id.	Modification	Date	Name	ASSMANN WSW components
①		Update		08.04.2015	Amy	Drawing-No. ASS 7311 CA
②		Drawn		30.01.2015	Amy	

H

H

1	2	3	4	5	6	7

H

H