

1.27mm(.050") Pitch

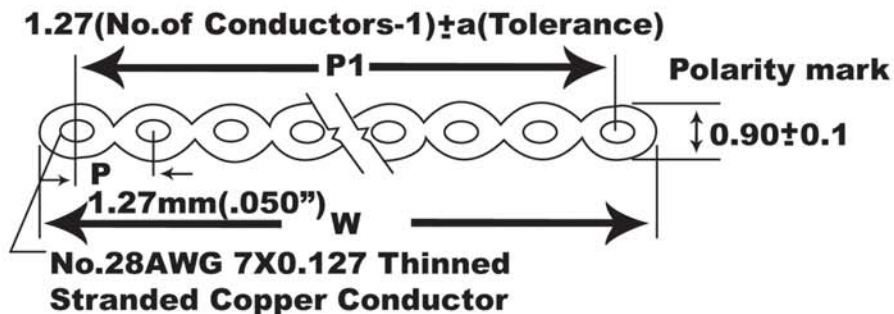
**Electric & Physical Characteristic:**

- |                                  |  |
|----------------------------------|--|
| 1. Voltage Rating                | :300V                                    |
| 2. Temperature Rating            | :105°C                                   |
| 3. Dielectric Strength           | :2. OKV 60Hz 1 Minute<br>(No Break Down) |
| 4. Conductor Resistance          | : 237 /KM Max.                           |
| 5. Insulation Resistance         | :100M /M Min. at DC<br>500V              |
| 6. Tensile Strength Before Aging | :1500PSI                                 |
| Tensile Strength After Aging     | :70% MIN. (136°C*168H)                   |
| 7. Elongation Before Aging       | :100% MIN.                               |
| Elongation After Aging           | :65% MIN. (136°C*168H)                   |
| 8. Deformation Test              | :50% Max. (121°C*1H)                     |
| 9. Cold Bend Test                | :-10°C*4H No Cracking                    |
| 10. Horizontal Flame Test        | :VW-1                                    |

**Note:**

Cable is RoHS Compliant

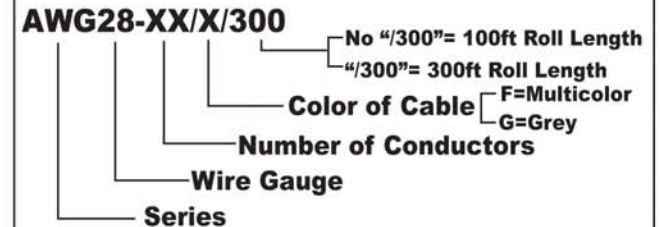
No. of conductor	Width (mm)	Composition (mm)	Allowable error
9P	11.43	7/0.127	± 0.30
10P	12.7	7/0.127	± 0.30
15P	19.05	7/0.127	± 0.30
16P	20.32	7/0.127	± 0.30
20P	25.4	7/0.127	± 0.30
24P	30.48	7/0.127	± 0.30
25P	31.75	7/0.127	± 0.40
26P	33.02	7/0.127	± 0.40
34P	43.18	7/0.127	± 0.40
37P	46.99	7/0.127	± 0.40
40P	50.80	7/0.127	± 0.40
44P	55.88	7/0.127	± 0.40
50P	63.50	7/0.127	± 0.40
60P	76.20	7/0.127	± 0.40
64P	81.28	7/0.127	± 0.40



$n \leq 30$   
 $a = \pm 0.30$   
 $n \geq 31$   
 $a = \pm 0.40$

(N=Number of Conductors)

**How to Order**



**RoHS**  
Compliant

ITEM NO  
**AWG28-XX/X/300**

TITLE  
Flat Ribbon Cable, 1.27mm Pitch  
300 Feet, 13" Reel, (Gray & Multi-Color)

**ASSMANN**  
Electronics, Inc.

1840 W. Drake Drive, Suite 101 – Tempe, AZ 85283

Toll Free: 1-877-277-6266 Email: info@usa-assmann.com

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