

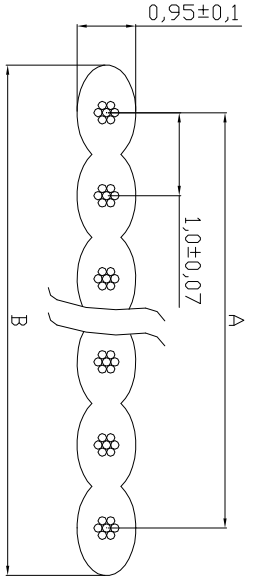
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1 2 3 4 5 6 7



| Cores | Size of conductor AWG | Composition | A② | | Cores | Size of conductor AWG | Composition | A② | |
|-------|--------------------------|-------------|-----------|-----------|-------|--------------------------|-------------|-----------|-----------|
| | | | B② | B② | | | | B② | B② |
| 08 | 28 | 7/0.127 | 7.00±0.20 | 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 | 9.00±0.20 | 25 | 28 | 7/0.127 | 24.0±0.25 | 25.0±0.25 |
| 10 | 28 | 7/0.127 | 9.00±0.20 | 10.0±0.20 | 26 | 28 | 7/0.127 | 25.0±0.25 | 26.0±0.25 |
| 12 | 28 | 7/0.127 | 11.0±0.20 | 12.0±0.20 | 30 | 28 | 7/0.127 | 29.0±0.30 | 30.0±0.30 |
| 14 | 28 | 7/0.127 | 13.0±0.25 | 14.0±0.25 | 34 | 28 | 7/0.127 | 33.0±0.30 | 34.0±0.30 |
| 16 | 28 | 7/0.127 | 15.0±0.25 | 16.0±0.25 | 40 | 28 | 7/0.127 | 39.0±0.35 | 40.0±0.35 |
| 18 | 28 | 7/0.127 | 17.0±0.25 | 18.0±0.25 | 44 | 28 | 7/0.127 | 43.0±0.35 | 44.0±0.35 |
| 20 | 28 | 7/0.127 | 19.0±0.25 | 20.0±0.25 | 50 | 28 | 7/0.127 | 49.0±0.35 | 50.0±0.35 |

①

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

Electronic characteristics
 Spark test: 2500 V
 Dielectri 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

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

UL style: 2651
 Rated temperature: 105°C
 Rated voltage: 300V
 Passes VW-1 vertical flame test

RoHS compliant
 Unit: mm

| Scale | Free | Customer-No. | |
|-----------|----------------------|------------------|------|
| TOLERANCE | | Date | Name |
| | | 30.01.2015 | Amy |
| | | 04.11.2015 | Amy |
| DIM | | ASSMANN WSW-No. | |
| | TOL | AWG28-xx/F-1/300 | |
| | | Drawing-No. | |
| | | ASS 7311 CA | |
| | | rev02 | |
| Angle | | Replace | |
| TOL | Id. | Sheet | |
| | Modification | | |
| | Update the tolerance | | |
| | Update | | |
| | Drawn | | |
| | | Date | Name |
| | | 30.01.2015 | Amy |
| | | 04.11.2015 | Amy |

1 2 3 4 5 6 7

A B C D E F G H