





| | Cores | Size of conductor AWG | Composition | A① | B① | Cores | Size of conductor AWG | Composition | A①③ | B①③ |
|---|---|---|---|---|---|---|---|---|---|---|
| ② | 05 | 28 | 7/0.127 | 4.00±0.18 | 5.00±0.18 | 24 | 28 | 7/0.127 | 23.0±0.25 | 24.0±0.25 |
| | 08 | 28 | 7/0.127 | 7.00±0.18 | 8.00±0.18 | 25 | 28 | 7/0.127 | 24.0±0.25 | 25.0±0.25 |
| | 09 | 28 | 7/0.127 | 8.00±0.18 | 9.00±0.18 | 26 | 28 | 7/0.127 | 25.0±0.25 | 26.0±0.25 |
| | 10 | 28 | 7/0.127 | 9.00±0.18 | 10.0±0.18 | 30 | 28 | 7/0.127 | 29.0±0.30 | 30.0±0.30 |
| | 12 | 28 | 7/0.127 | 11.0±0.18 | 12.0±0.18 | 34 | 28 | 7/0.127 | 33.0±0.30 | 34.0±0.30 |
| | 14 | 28 | 7/0.127 | 13.0±0.18 | 14.0±0.18 | ②37 | 28 | 7/0.127 | 36.0±0.35 | 37.0±0.35 |
| | 16 | 28 | 7/0.127 | 15.0±0.22 | 16.0±0.22 | 40 | 28 | 7/0.127 | 39.0±0.35 | 40.0±0.35 |
| | 18 | 28 | 7/0.127 | 17.0±0.22 | 18.0±0.22 | 44 | 28 | 7/0.127 | 43.0±0.35 | 44.0±0.35 |
| | 20 | 28 | 7/0.127 | 19.0±0.22 | 20.0±0.22 | 50 | 28 | 7/0.127 | 49.0±0.35 | 50.0±0.35 |

③ Material
Insulation: PVC Grey cable Red line
Insulation thickness: 0.23mm ave ; 0.18mm min.

Conduction
AWG size: 28AWG
Number of stands in each conductor: 7/0.127mm TC
Cross section area: 0.079mm²

Electronic characteristics
Spark test: 2500 V
Conductor resistance: 237Ω max./KM
Insulation resistance: 100MΩ max./KM

Cable physical properties
After seven days air oven at 113°C
Tensile strength: Unaged ≥10.3 MPa, After aging ≥70%
Elongation: Unaged ≥100% , After aging ≥65%

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

RoHS compliant
Unit: mm

| Scale | Free |
|---|---|
| TOLERANCE | |
| | |
| | |
| | |
| DIM | TOL |
| | |
| | |
| Angle | TOL |

| Id. | Modification | Date | Name |
|---|---|---|---|
| ④ | Add the dimension of length | 20.04.2022 | Peter |
| ③ | Update notes & tolerance | 12.06.2020 | Luca |
| ② | Add more cores | 05.08.2016 | Amy |
| ① | Update the tolerance | 04.11.2015 | Amy |
| ⓪ | Drawn | 24.04.2015 | Amy |

| | Date | Name |
|---|---|---|
| Drawn | 24.04.2015 | Amy |
| Approved | 20.04.2022 | Peter |

ASSMANN WSW components

Description. Flat Cable
Pitch 1.0mm

ASSMANN WSW-No.
AWG28-xx/G-1/300

Drawing-No.
ASS 7307 CA

rev04

Customer-No.

Sheet
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