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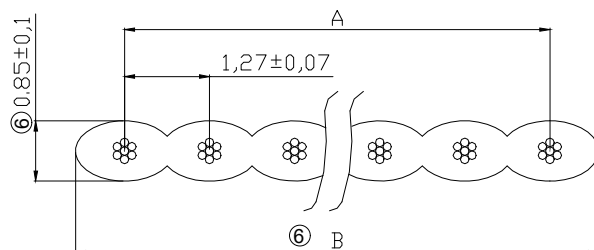
4

5

6

7

A



B

C

Cores	Size of conductor		A	B	Cores	Size of conductor		A	B
	AWG	Composition				AWG	Composition		
02	28	7/0.127	1.27±0.15	2.54±0.15	18	28	7/0.127	21.59±0.30	22.86±0.30
03	28	7/0.127	2.54±0.15	3.81±0.15	20	28	7/0.127	24.13±0.30	25.40±0.30
04	28	7/0.127	3.81±0.20	5.08±0.20	24	28	7/0.127	29.21±0.30	30.48±0.30
05	28	7/0.127	5.08±0.20	6.35±0.20	25	28	7/0.127	30.48±0.30	31.75±0.30
06	28	7/0.127	6.35±0.20	7.62±0.20	26	28	7/0.127	31.75±0.30	33.02±0.30
07	28	7/0.127	7.62±0.20	8.89±0.20	30	28	7/0.127	36.83±0.35	38.10±0.35
08	28	7/0.127	8.89±0.20	10.16±0.20	34	28	7/0.127	41.91±0.35	43.18±0.35
09	28	7/0.127	10.16±0.25	11.43±0.25	37	28	7/0.127	45.72±0.35	46.99±0.35
10	28	7/0.127	11.43±0.25	12.70±0.25	40	28	7/0.127	49.53±0.35	50.80±0.35
11	28	7/0.127	12.70±0.25	13.97±0.25	50	28	7/0.127	62.23±0.35	63.50±0.35
12	28	7/0.127	13.97±0.25	15.24±0.25	60	28	7/0.127	74.93±0.40	76.20±0.40
13	28	7/0.127	15.24±0.25	16.51±0.25	64	28	7/0.127	80.01±0.40	81.28±0.40
14	28	7/0.127	16.51±0.25	17.78±0.25					
15	28	7/0.127	17.78±0.25	19.05±0.25					
16	28	7/0.127	19.05±0.25	20.32±0.25					

D

E

F

## ⑥ Notes:

## Material

Insulation: PVC Grey cable Red Line  
Insulation thickness: 0.23mm ave ; 0.18mm min.

## Conduction

AWG size: 28AWG

Hardness: 88 Shore (A)

Number of strands in each conductor: 7/0.127mm TC

Cross section area: 0.079mm<sup>2</sup>

## Electronic characteristics

Spark test: 2500 V

Conductor resistance: 237Ω max./KM

Insulation resistance: 100MΩ max./KM

Capacitance: 40p F/M

## 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%

- ⑧ Recommended Bending radius: one-time: 5x outer diameter min  
repeated: 15x outer diameter min

UL style: 2651

Rated temperature: 105°C

Rated voltage: 300V

Passes VW-1 vertical flame test

Order Code:

AWG28-xx/G-xx

Length:

Blank: 30.5M

50: 50M

100: 100M

RoHS compliant

Unit: mm

Scale	Free	⑧	Add recommended bending radius	17.12.2021	Daniel		Date	Name	Customer-No.
TOLERANCE		⑦	Change to new plant	07.08.2020	Winnie	Drawn	29.09.1997	J.Schulte	ASSMANN WSW-No. <b>AWG28-xx/G-xx</b>
X.	±X	⑥	Update	04.04.2019	S.Bölling	Approved	17.12.2021	Daniel	
X.X	±X	⑤	Update	14.05.2011	Schulz				
X.XX	±X	④	Update	17.02.2011	Schulz				
DIM		TOL	④	Update	17.02.2011	Schulz			Drawing-No. <b>ASS 0253 CA</b>
X.	±X°	③	Re-drawn	13.02.2009	Dean				
X.X	±X°	③	Re-drawn	13.02.2009	Dean				rev08
Angle	TOL	Id.	Modification	Date	Name				

**ASSMANN**  
WSW components

Replace

Sheet

1

2

3

4

5

6

7

H

H

D

C

B

A