

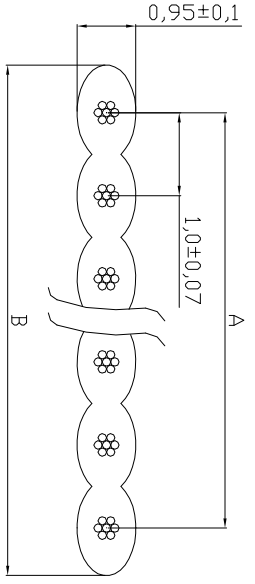
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1 2 3 4 5 6 7



Cores ^①	Size of conductor AWG	Composition	A ^②		Cores ^①	Size of conductor AWG	Composition	A ^②		B ^②
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 strands 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
 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

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
		ASSMANN WSW-No.	AWG28-xx/F-1/300
DIM		Drawing-No.	ASS 7311 CA
	TOL	Replace	rev02
			Sheet
		ASSMANN WSW components	
		② Update the tolerance	
		① Update	
		① Drawn	
Angle	TOL	Id.	Modification

1 2 3 4 5 6 7

H G F E D C B A