

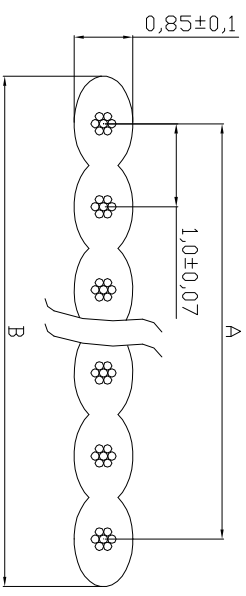
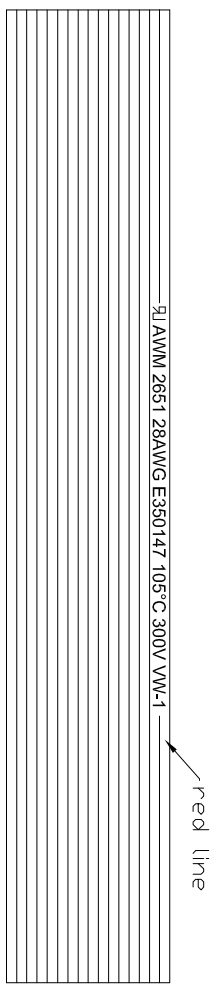
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Cores	Size of conductor AWG/Composition	A①	B①	Cores	Size of conductor AWG/Composition	A①	B①
08	28	7/0.127	8.00±0.18	24	28	7/0.127	23.0±0.22
09	28	7/0.127	8.00±0.18	25	28	7/0.127	24.0±0.22
10	28	7/0.127	9.00±0.18	26	28	7/0.127	25.0±0.22
12	28	7/0.127	11.0±0.18	30	28	7/0.127	29.0±0.25
14	28	7/0.127	13.0±0.18	34	28	7/0.127	33.0±0.25
16	28	7/0.127	15.0±0.22	40	28	7/0.127	39.0±0.25
18	28	7/0.127	17.0±0.22	44	28	7/0.127	43.0±0.28
20	28	7/0.127	19.0±0.22	50	28	7/0.127	49.0±0.28

Material
 Insulation: PVC Grey cable Red line
 Insulation thickness: 9mil ave ; 7mil 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 Tbs/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
		24.04.2015	Amy
		04.11.2015	Amy
DIM	TOL	ASSMANN WSW-No.	
		AWG28-xx/G-1/300	
		Drawing-No.	
		ASS 7307 CA	
Angle	TOL	Replace	rev01
			Sheet
Id.	Modification		
①	Update the tolerance		
①	Drawn		
	Date		
	Name		



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H	G	F	E	D	C	B	A
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