

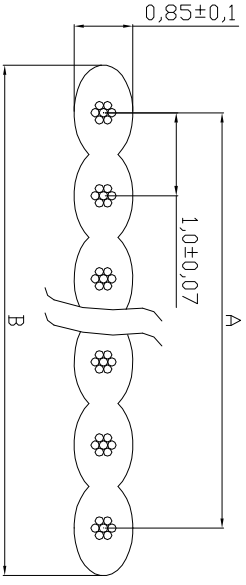
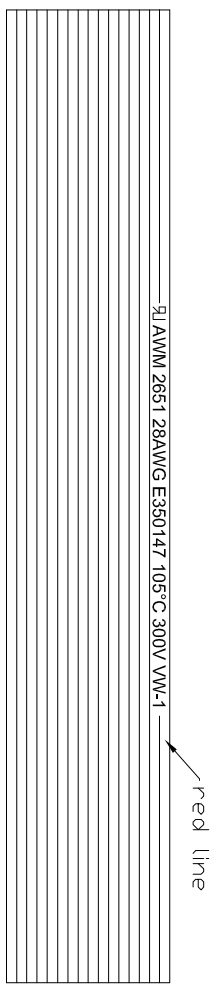
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Cores	Size of conductor AWG/Composition	A①	B①	Cores	Size of conductor AWG/Composition	A①	B①
08	28 7/0.127	7.00±0.18	8.00±0.18	24	28 7/0.127	23.0±0.22	24.0±0.22
09	28 7/0.127	8.00±0.18	9.00±0.18	25	28 7/0.127	24.0±0.22	25.0±0.22
10	28 7/0.127	9.00±0.18	10.0±0.18	26	28 7/0.127	25.0±0.22	26.0±0.22
12	28 7/0.127	11.0±0.18	12.0±0.18	30	28 7/0.127	29.0±0.25	30.0±0.25
14	28 7/0.127	13.0±0.18	14.0±0.18	34	28 7/0.127	33.0±0.25	34.0±0.25
16	28 7/0.127	15.0±0.22	16.0±0.22	40	28 7/0.127	39.0±0.25	40.0±0.25
18	28 7/0.127	17.0±0.22	18.0±0.22	44	28 7/0.127	43.0±0.28	44.0±0.28
20	28 7/0.127	19.0±0.22	20.0±0.22	50	28 7/0.127	49.0±0.28	50.0±0.28

**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	Date	
①	Update the tolerance	04.11.2015	
①	Drawn	24.04.2015	
		Name	
		Amy	



**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

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H	G	F	E	D	C	B	A
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