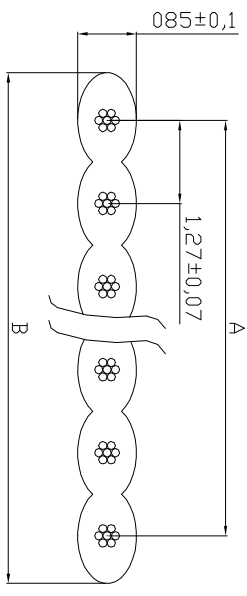


1 2 3 4 5 6 7



Cores AWG	Size of conductor Composition	A ①	B ①	Cores AWG	Size of conductor Composition	A ①	B ①
02	28	7/0.127	1.27±0.15	18	28	7/0.127	21.59±0.30
03	28	7/0.127	2.54±0.15	20	28	7/0.127	22.86±0.30
04	28	7/0.127	3.81±0.15	24	28	7/0.127	24.13±0.30
05	28	7/0.127	5.08±0.20	25	28	7/0.127	25.40±0.30
06	28	7/0.127	6.35±0.20	26	28	7/0.127	29.21±0.30
07	28	7/0.127	7.62±0.20	30	28	7/0.127	30.48±0.30
08	28	7/0.127	8.89±0.20	34	28	7/0.127	31.75±0.30
09	28	7/0.127	10.16±0.25	37	28	7/0.127	33.02±0.30
10	28	7/0.127	11.43±0.25	40	28	7/0.127	36.83±0.35
11	28	7/0.127	12.70±0.25	50	28	7/0.127	38.10±0.35
12	28	7/0.127	13.97±0.25	60	28	7/0.127	41.91±0.35
13	28	7/0.127	15.24±0.25	64	28	7/0.127	43.18±0.35
14	28	7/0.127	16.51±0.25	64	28	7/0.127	45.72±0.35
15	28	7/0.127	17.78±0.25	64	28	7/0.127	46.99±0.35
16	28	7/0.127	19.05±0.25	64	28	7/0.127	50.80±0.35

RoHS compliant

Unit: mm

Scale	Free	Customer-No.	
TOLERANCE		Drawn	Amy
		Approved	Amy
DIM		ASSMANN WSW-No.	
TOL		AWG28-xx/G/300	
		Drawing-No.	
		ASS 7306 CA	
Angle		Replace	
TOL		Sheet	
Id.		rev01	
Modification			
Date			
Name			
Date			
Name			

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



H G F E D C B A