

○ **UL STYLE:2651**

Rate temperature:105°C

Rate voltage:300V

Flame test:VW-1

○ **CONDUCTOR:Stranded**

AWG size:28 AWG

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

Lay of strands in each conductor:0.5inch at least

Cross section area:156mil.

○ **INSULATION:**

Material of insulation:polyvinyl chloride(PVC)gray

Insulation thickness average:9 mil.

Minimum insulation thickness:7 mil.

○ **PHYSICAL PROPERTIES:**

After 7 days air oven at 136°C

Average tensile strength:1500 lbs/inch²

Percent of original:70% at least

Average elongation:200%

Percent of original:65% at least

○ **ELECTRONIC CHARACTERISTICS:**

Spark test:2500V

Dielectric strength test:Minimum 2KV in 1 minute

Conductor resistance:Maximum 237 Ω/km

Insulation resistance:Minimum 100 MΩ·km

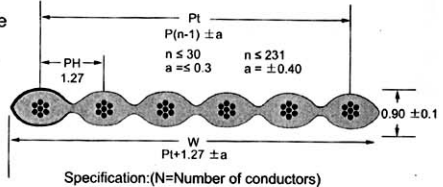
Capacity:44 pF/m (G-S-G)

Inductance:1.45μH/m

Characteristic Impedance:105 Ω (G-S-G)

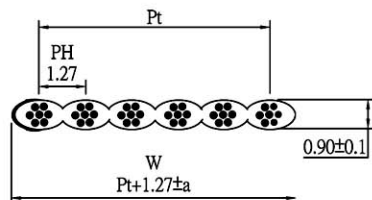
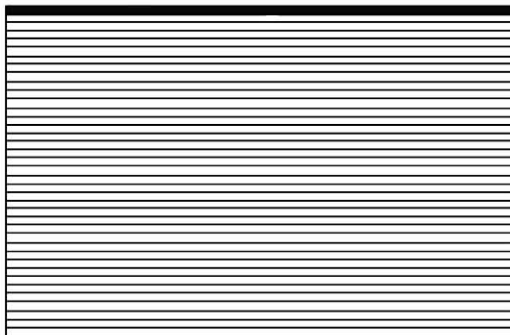
Propagation delay time:4.2 ns/m

○ **CONSTRUCTION DRAWING:**



○ **CONSTRUCTION TABLE:**

Number of Cores	Size of conductor		Thickness (mm ± 0.05)	Width (mm)	Allowable Error (mm)
	AWG	Composition(/solid/mm)			
9 P	28	7/0.127	0.9	11.43	± 0.30
10 P	28	7/0.127	0.9	12.70	± 0.30
14 P	28	7/0.127	0.9	17.78	± 0.30
15 P	28	7/0.127	0.9	19.05	± 0.30
16 P	28	7/0.127	0.9	20.32	± 0.30
20 P	28	7/0.127	0.9	25.40	± 0.30
25 P	28	7/0.127	0.9	31.75	± 0.30
26 P	28	7/0.127	0.9	33.02	± 0.30
30 P	28	7/0.127	0.9	38.10	± 0.30
34 P	28	7/0.127	0.9	43.18	± 0.40
40 P	28	7/0.127	0.9	50.80	± 0.40
50 P	28	7/0.127	0.9	63.50	± 0.40
60 P	28	7/0.127	0.9	76.20	± 0.40
64 P	28	7/0.127	0.9	81.28	± 0.40



此單物料全部符合"ROHS"

Number of Cores	Size of conductor		Thickness (mm±0.05)	Width(mm)	Allowable Error(mm)
	AWG	Composition(Stranded)±0.005mm			
* 8P	28	7/0.127	0.9	10.16	±0.30
9P	28	7/0.127	0.9	11.43	±0.30
10P	28	7/0.127	0.9	12.70	±0.30
14P	28	7/0.127	0.9	17.78	±0.30
15P	28	7/0.127	0.9	19.05	±0.30
16P	28	7/0.127	0.9	20.32	±0.30
20P	28	7/0.127	0.9	25.40	±0.30
25P	28	7/0.127	0.9	31.75	±0.30
26P	28	7/0.127	0.9	33.02	±0.30
30P	28	7/0.127	0.9	38.10	±0.30
34P	28	7/0.127	0.9	43.18	±0.40
40P	28	7/0.127	0.9	50.80	±0.40
50P	28	7/0.127	0.9	63.50	±0.40
60P	28	7/0.127	0.9	76.20	±0.40
64P	28	7/0.127	0.9	81.28	±0.40
80P	28	7/0.127	0.9	101.6	±0.40

線材: FLAT CABLE 28AWG(7/0.127±0.005MM)
PVC LIGHT GREY

名稱	UL2651 FLAT CABLE	
客戶名稱		
客戶料號		
單位	M M	REV
比例	NONE	A
圖號	UL2651 9P~80P	