

Flat Cable



UL FLAT RIBBON WIRE

UL Style:2651

Rated temperature:105°C

Rated voltage:300Volts

Passess VW-1 vertical flame test

CONDUCTOR

AWG size:26AWG

Nummber of strands in each conductor:7/0.16

Lay of strands in each conductor:0.5 inch at least

Cross section area:156 Circular mil

INSULATION

Material of insulation:Polyvinl chloride(PVC)Gray

Insulation thickness average:10mil

Minimum insulation thickness:9mil

CABLE PHYSICAL PROPERTISE:

After seven 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:2500Volts

Dielectric strength test:Minimum2000Volts in 1 minute

Conductor resistance:Maximum237Ω/KM

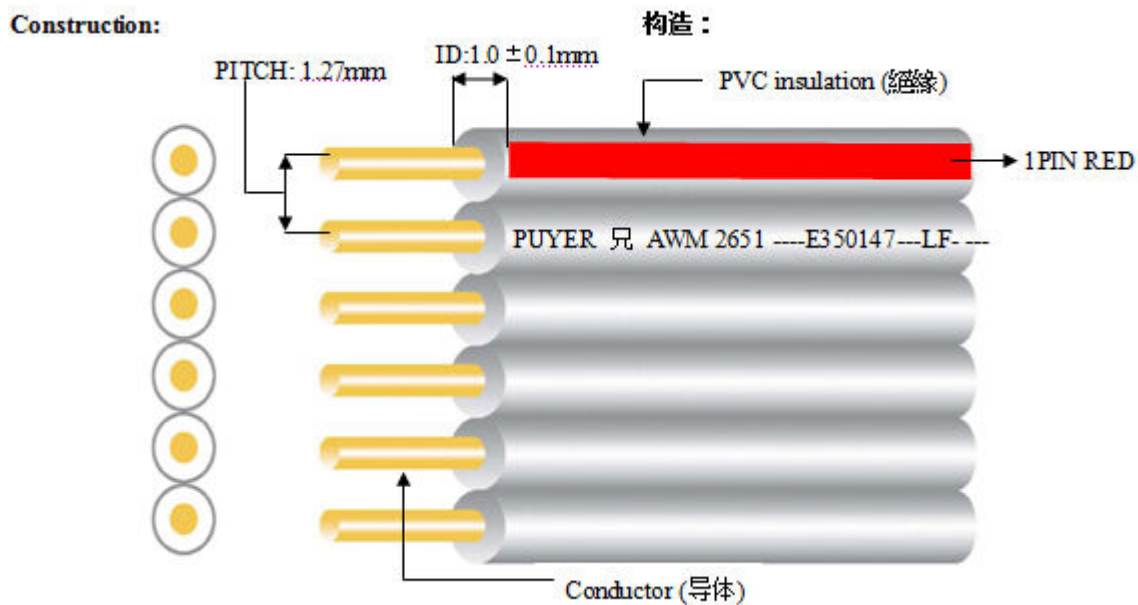
Insulation resistance: Maximum: >0.75MΩ/KM

Capacity:40pF/M

Inductance:1.45μH/M

Impadance:100Ω

Propagation delay time:4.2ns/m



CONSTRUCTION TABLE

Coded No	Number Of Cores	Size of conductor		Thickness (mm±0.10)	Width	Allowable Error(mm)
		(AWG)	Composition ±0.005mm			
P265126A127S-02	02	26	7/0.16MM	1.0	2.54MM	±0.15
P265126A127S-03	03	26	7/0.16MM	1.0	3.81MM	±0.15
P265126A127S-04	04	26	7/0.16MM	1.0	5.08MM	±0.15
P265126A127S-05	05	26	7/0.16MM	1.0	6.35MM	±0.15
P265126A127S-06	06	26	7/0.16MM	1.0	7.62MM	±0.15
P265126A127S-07	07	26	7/0.16MM	1.0	8.89MM	±0.15

P265126A127S-08	08	26	7/0.16MM	1.0	10.16MM	±0.15
P265126A127S-09	09	26	7/0.16MM	1.0	11.43MM	±0.15
P265126A127S-10	10	26	7/0.16MM	1.0	12.70MM	±0.15
P265126A127S-11	11	26	7/0.16MM	1.0	13.97MM	±0.15
P265126A127S-12	12	26	7/0.16MM	1.0	15.24MM	±0.15
P265126A127S-13	13	26	7/0.16MM	1.0	16.51MM	±0.15
P265126A127S-14	14	26	7/0.16MM	1.0	17.78MM	±0.15
P265126A127S-15	15	26	7/0.16MM	1.0	19.05MM	±0.15
P265126A127S-16	16	26	7/0.16MM	1.0	20.32MM	±0.15
P265126A127S-17	17	26	7/0.16MM	1.0	21.59MM	±0.15
P265126A127S-18	18	26	7/0.16MM	1.0	22.86MM	±0.15
P265126A127S-19	19	26	7/0.16MM	1.0	24.13MM	±0.15
P265126A127S-20	20	26	7/0.16MM	1.0	25.40MM	±0.15
P265126A127S-21	21	26	7/0.16MM	1.0	26.67MM	±0.15
P265126A127S-22	22	26	7/0.16MM	1.0	27.94MM	±0.15
P265126A127S-23	23	26	7/0.16MM	1.0	29.21MM	±0.15
P265126A127S-24	24	26	7/0.16MM	1.0	30.48MM	±0.15
P265126A127S-25	25	26	7/0.16MM	1.0	31.75MM	±0.15
P265126A127S-26	26	26	7/0.16MM	1.0	33.02MM	±0.15

MARKING:

PUYER  AWM 2651 26AWG E350147 105°C 300V VW-1 -LF-