

Flat Cable



UL FLAT RIBBON WIRE

UL Style:2651
Rated temperature:105℃
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

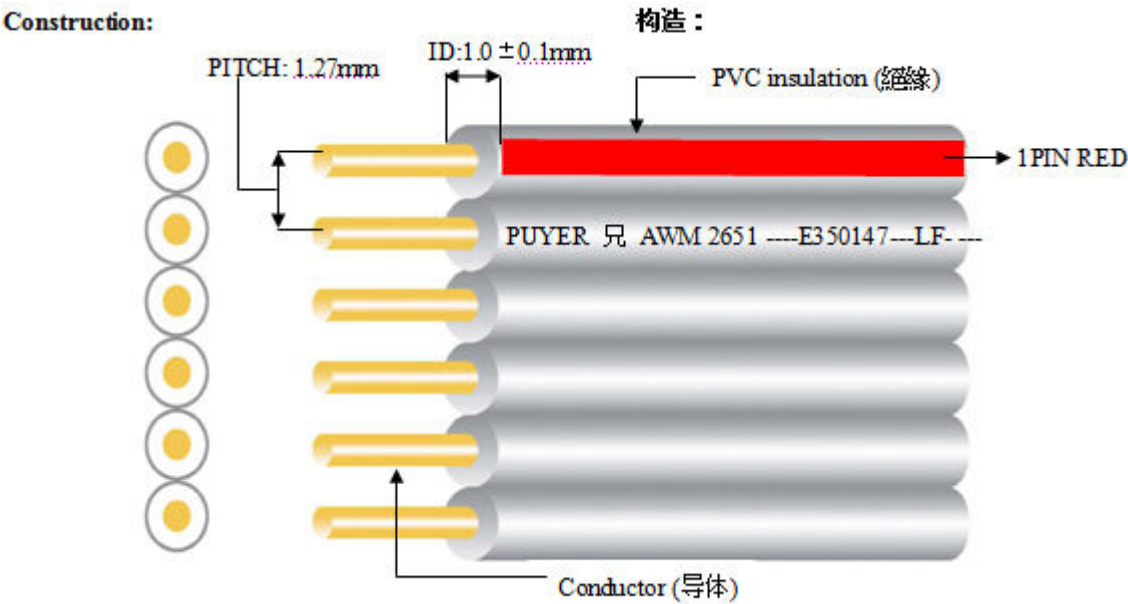
Material of insulation:Polyvinl chloride(PVC)Gray
Insulation thickness average:10mil
Minimum insulation thickness:9mil

CABLE PHYSICAL PROPERTISE:

After seven days air oven at 136℃
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	Number	Size of conductor		Thickness	Width	Allowable
No	Of Cores	(AWG)	Composition ± 0.005mm	(mm±0.10)		Error(mm)
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℃ 300V VW-1 -LF-