

Flat Cable

PUYER

UL FLAT RIBBON WIRE

UL Style:2651
 Rated temperature:105°C
 Rated voltage:300Volts
 Passess VW-1 vertical flame test

CONDUCTOR

AWG size:22AWG
 Nummber of strands in each conductor:17/0.16
 Lay of strands in each conductor:0.6 inch at least
 Cross section area:253 Circular mil

INSULATION

Material of insulation:Polyvinl chloride(PVC)Gray
 Insulation thickness average:9mil
 Minimum insulation thickness:8mil

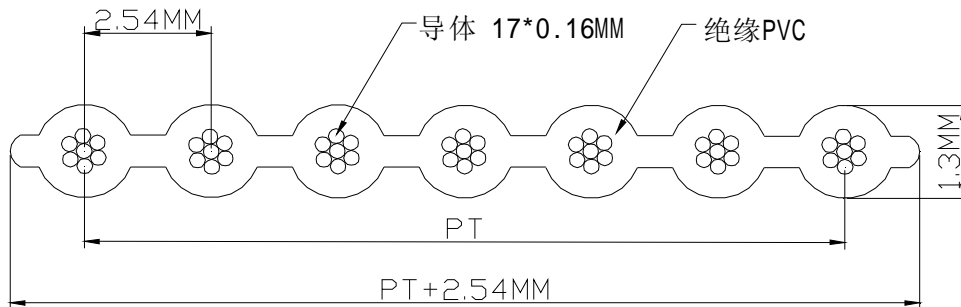
CABLE PHYSICAL PROPERTISE:

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:Maximum148 Ω/KM
 Insulation resistance: Maximum100MΩ/KM
 Capacity:24pF/M
 Inductance:1.4 μH/M
 Impadance:90 Ω
 Propagation delay time:4.2ns/m


CONSTRUCTION DRAWING



CONSTRUCTION TABLE

Coded No	Number Of Cores	Size of conductor		Thickness (mm±0.1)	Width	Allowable
		(AWG)	Composition			Error(mm)
F265122A-02-254C	2	22	17/0.16MM	1.3	5.00MM	±0.15
F265122A-03-254C	3	22	17/0.16MM	1.3	7.62MM	±0.15
F265122A-04-254C	4	22	17/0.16MM	1.3	10.16MM	±0.15
F265122A-05-254C	5	22	17/0.16MM	1.3	12.70MM	±0.15
F265122A-06-254C	6	22	17/0.16MM	1.3	15.24MM	±0.15
F265122A-07-254C	7	22	17/0.16MM	1.3	17.78MM	±0.15

MARKING:

PUYER  AWM 2651 E350147 VW-1 105°C 300V 22AWG LF