

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:24AWG

Nummber of strands in each conductor:11/0.16

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:Maximum148Ω/KM

Insulation resistance: Maximum100MΩ/KM

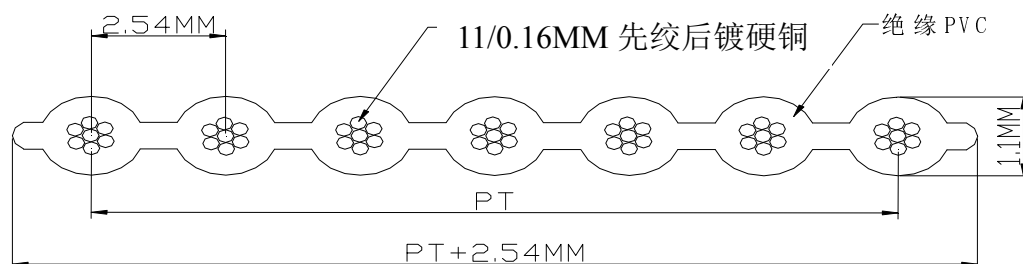
Capacity:24pF/M

Inductance:1.4 μH/M

Impadance:90Ω

Propagation delay time:4.2ns/m

CONSTRUCTION DRAWING



CONSTRUCTION TABLE

Coded No	Number Of Cores	Size of conductor		Thickness (mm±0.1)	Width	Allowable Error(mm)
		(AWG)	Composition			
F265124-02-254TS	2	24	11/0.16MM	1.1	5.00MM	±0.15
F265124-03-254TS	3	24	11/0.16MM	1.1	7.62MM	±0.15
F265124-04-254TS	4	24	11/0.16MM	1.1	10.16MM	±0.15
F265124-05-254TS	5	24	11/0.16MM	1.1	12.70MM	±0.15
F265124-06-254TS	6	24	11/0.16MM	1.1	15.24MM	±0.15
F265124-07-254TS	7	24	11/0.16MM	1.1	17.78MM	±0.15
F265124-08-254TS	8	24	11/0.16MM	1.1	20.32MM	±0.15

MARKING:

PUYER  AWM 2651 E350147 VW-1 105°C 300V 24AWG LF