

# 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:26AWG

Nummber of strands in each conductor:7/0.16

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/inch<sup>2</sup>

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: Maximum100M Ω/KM

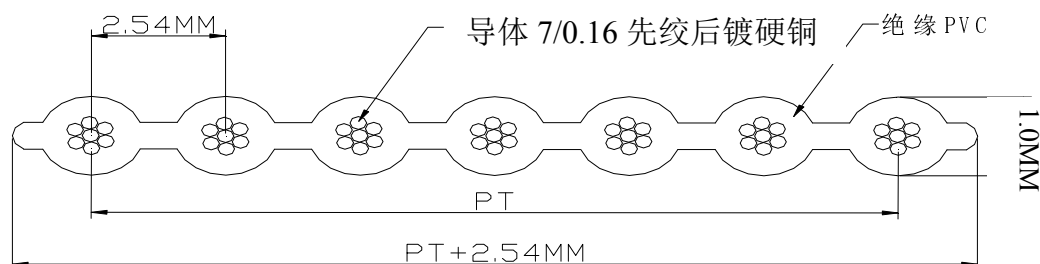
Capacity:24pF/M

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)
F265126-02-254TC	2	26	7/0.16MM	1.0	5.00MM	±0.20
F265126-03-254TC	3	26	7/0.16MM	1.0	7.62MM	±0.20
F265126-04-254TC	4	26	7/0.16MM	1.0	10.16MM	±0.20
F265126-05-254TC	5	26	7/0.16MM	1.0	12.70MM	±0.25
F265126-06-254TC	6	26	7/0.16MM	1.0	15.24MM	±0.25
F265126-07-254TC	7	26	7/0.16MM	1.0	17.78MM	±0.25
F265126-08-254TC	8	26	7/0.16MM	1.0	20.32MM	±0.25

## MARKING:

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