

# Flat Cable

PUYER

## UL FLAT RIBBON WIRE

UL Style:2468

Rated temperature:80°C

Rated voltage:300Volts

Passess VW-1 vertical flame test

## CONDUCTOR

AWG size:24AWG

Number of strands in each conductor:11/0.16

Lay of strands in each conductor:0.5 inch at least

Cross section area:156 Circular mil

## INSULATION

Material of insulation:Polyvinl chloride(PVC) White

Insulation thickness average:15mil

Minimum insulation thickness:13mil

## 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:Maximum239Ω/KM

Insulation resistance: Maximum100MΩ/KM

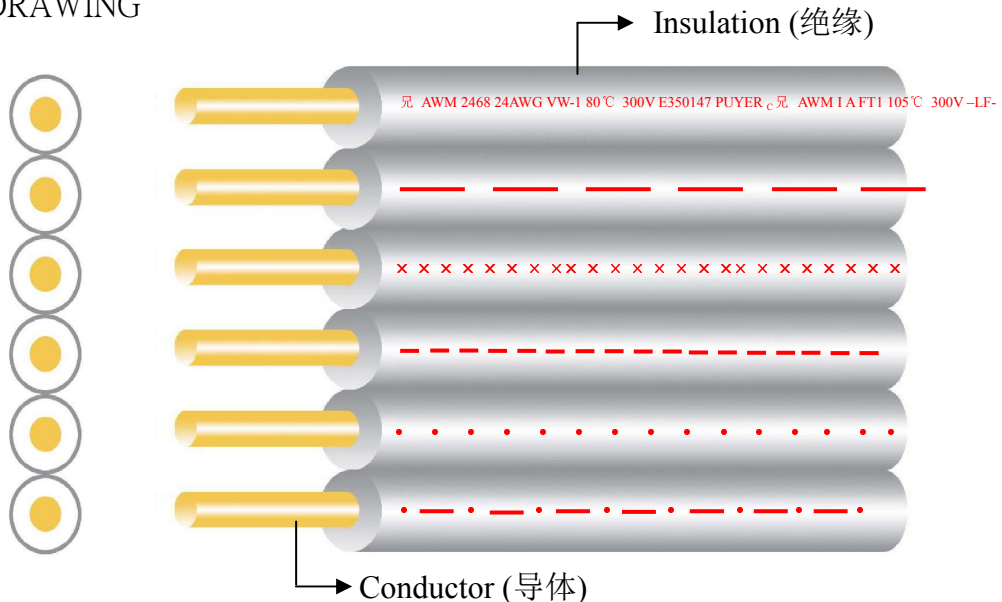
Capacity:40pF/M

Inductance:1.45μH/M

Impadance:100Ω

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 ± 0.005mm			
F246824-05TS	05	24	11/0.16MM	1.40	7.00MM	±0.10
F246824-06TS	06	24	11/0.16MM	1.40	8.40MM	±0.10
F246824-07TS	07	24	11/0.16MM	1.40	9.80MM	±0.15
F246824-08TS	08	24	11/0.16MM	1.40	11.20MM	±0.19
F246824-09TS	09	24	11/0.16MM	1.40	12.60MM	±0.15
F246824-10TS	10	24	11/0.16MM	1.40	14.00MM	±0.15
F246824-11TS	11	24	11/0.16MM	1.40	15.40MM	±0.15
F246824-12TS	12	24	11/0.16MM	1.40	16.80MM	±0.15

兄 AWM 2468 24AWG VW-1 80°C 300V E350147 PUYER 兄 AWM I A FT1 105°C 300V -LF-