

# 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:26AWG  
 Number 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) White  
 Insulation thickness average:15mil  
 Minimum insulation thickness:13mil

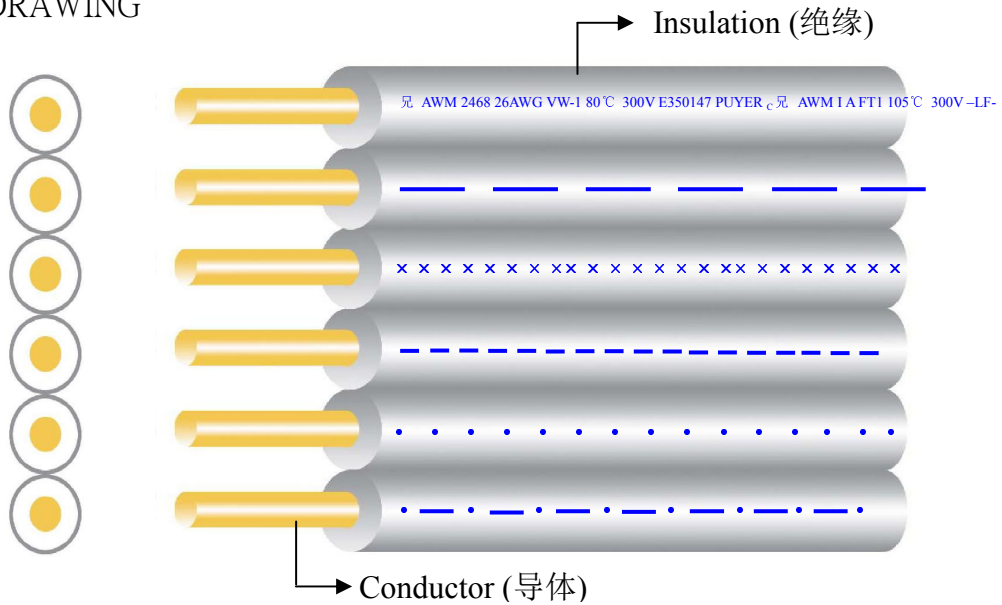
## CABLE PHYSICAL PROPERTISE:

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			
F246826-05TS	05	26	7/0.16MM	1.30	6.50MM	±0.10
F246826-06TS	06	26	7/0.16MM	1.30	7.80MM	±0.10
F246826-07TS	07	26	7/0.16MM	1.30	9.10MM	±0.15
F246826-08TS	08	26	7/0.16MM	1.30	10.40MM	±0.19
F246826-09TS	09	26	7/0.16MM	1.30	11.70MM	±0.15
F246826-10TS	10	26	7/0.16MM	1.30	13.00MM	±0.15
F246826-11TS	11	26	7/0.16MM	1.30	14.30MM	±0.15
F246826-12TS	12	26	7/0.16MM	1.30	15.60MM	±0.15

兄 AWM 2468 26AWG VW-1 80°C 300V E350147 PUYER c兄 AWM I A FT1 105°C 300V -LF-