

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:28AWG
 Number of strands in each conductor:7/0.12
 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

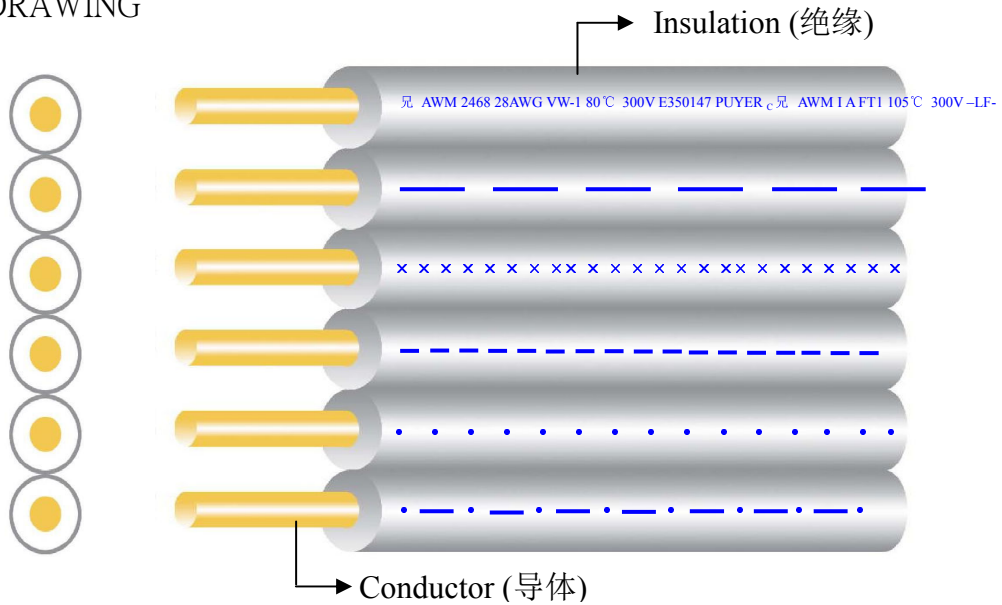
CABLE PHYSICAL PROPERTISE:

After seven days air oven at 136°C
 Average tensile strength:1500 lbs/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: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			
F246828-05TS	05	28	7/0.12MM	1.25	6.25MM	±0.10
F246828-06TS	06	28	7/0.12MM	1.25	7.50MM	±0.10
F246828-07TS	07	28	7/0.12MM	1.25	8.75MM	±0.15
F246828-08TS	08	28	7/0.12MM	1.25	10.00MM	±0.19
F246828-09TS	09	28	7/0.12MM	1.25	11.25MM	±0.15
F246828-10TS	10	28	7/0.12MM	1.25	12.50MM	±0.15
F246828-11TS	11	28	7/0.12MM	1.25	13.75MM	±0.15
F246828-12TS	12	28	7/0.12MM	1.25	15.00MM	±0.15

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