

Flat Cable

PUYER

UL FLAT RIBBON WIRE

UL Style:4478
Rated temperature:105℃
Rated voltage:300Volts
Passess 94-VO vertical flame test

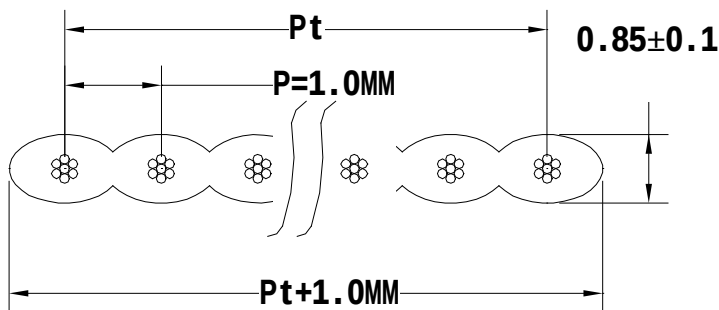
CONDUCTOR

AWG size:28AWG
Nummber of strands in each conductor:7/0.12
Lay of strands in each conductor:0.0395 inch at least
Cross section area:156 Circular mil

INSULATION

Material of insulation:Halogen free TPE,Gray
Insulation thickness average:9.5mil
Minimum insulation thickness:8mil

CONSTRUCTION DRAWING



CONSTRUCTION TABLE

Coded	Number	Size of conductor		Thickness	Width	Allowable
No	Of Cores	(AWG)	Composition $\pm 0.005\text{mm}$	(mm ± 0.1)		Error(mm)
P447828-0410TS	04	28	7/0.12MM	0.85	4MM	± 0.20
P447828-0610TS	06	28	7/0.12MM	0.85	6MM	± 0.20
P447828-0810TS	08	28	7/0.12MM	0.85	8MM	± 0.20
P447828-0910TS	09	28	7/0.12MM	0.85	9MM	± 0.20
P447828-1010TS	10	28	7/0.12MM	0.85	10MM	± 0.20
P447828-1110TS	11	28	7/0.12MM	0.85	11MM	± 0.20
P447828-1210TS	12	28	7/0.12MM	0.85	12MM	± 0.20
P447828-1310TS	13	28	7/0.12MM	0.85	13MM	± 0.20
P447828-1410TS	14	28	7/0.12MM	0.85	14MM	± 0.20
P447828-1510TS	15	28	7/0.12MM	0.85	15MM	± 0.20
P447828-1610TS	16	28	7/0.12MM	0.85	16MM	± 0.20
P447828-1810TS	18	28	7/0.12MM	0.85	18MM	± 0.20
P447828-2010TS	20	28	7/0.12MM	0.85	20MM	± 0.20
P447828-2410TS	24	28	7/0.12MM	0.85	24MM	± 0.20
P447828-2610TS	26	28	7/0.12MM	0.85	26MM	± 0.20
P447828-3010TS	30	28	7/0.12MM	0.85	30MM	± 0.20

CABLE PHYSICAL PROPERTISE:

After seven days air oven at 136℃
Average tensile strength:1500 Ibs/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:Maximum237 Ω / KM
Insulation resistance: Maximum100M Ω / KM
Capacity:40pF/M
Inductance:1.45 $\mu\text{H} / \text{M}$
Impadance:100 Ω
Propagation delay time:4.2ns/m

P447828-3410TS	34	28	7/0.12MM	0.85	34MM	±0.20
P447828-4010TS	40	28	7/0.12MM	0.85	40MM	±0.20
P447828-4410TS	44	28	7/0.12MM	0.85	44MM	±0.20
P447828-5010TS	50	28	7/0.12MM	0.85	50MM	±0.20

MARKING:

兄 AWM 4478 28AWG VW-1 105℃ 300V E350147 PUYER c兄 AWM I A FT1 105℃ 300V

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