

Flat Cable

UL FLAT RIBBON WIRE

UL Style:2678

Rated temperature:105°C

Rated voltage:150Volts

Passess VW-1 vertical flame test

CONDUCTOR

AWG size:30AWG

conductor:1/0.23mm

Cross section area:98 Circular mil

INSULATION

Material of insulation:Polyvinl chloride(PVC)Gray

Insulation thickness average:8mil

Minimum insulation thickness:6.5mil

CABLE PHYSICAL PROPERTISE:

After seven days air oven at 136°C

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:1500Volts

Dielectric strength test:Minimum1500Volts in 1 minute

Conductor resistance:Maximum377 Ω /KM

Insulation resistance: Maximum100M Ω /KM

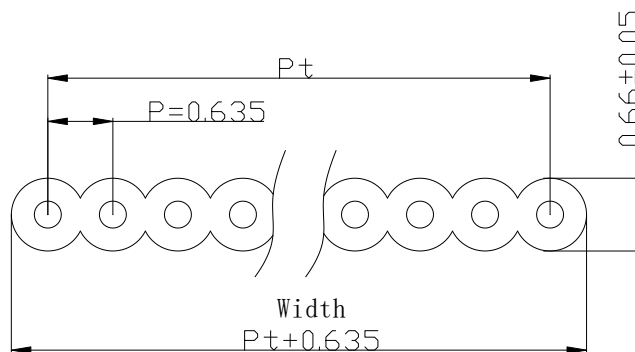
Capacity:80pF/M

Inductance:2.0μH/M

Impadance:105 Ω

Propagation delay time:5.6ns/m

CONSTRUCTION DRAWING



CONSTRUCTION TABLE

Coded No	Number Of Cores	Size of conductor		Thickness (mm±0.05)	Width	Allowable Error(mm)
		(AWG)	Composition mm±0.005			
WA-267830-14-0635BC	14	30	0.254MM	0.66	8.89MM	±0.15
WA-267830-16-0635BC	16	30	0.254MM	0.66	10.16MM	±0.15
WA-267830-20-0635BC	20	30	0.254MM	0.66	12.70MM	±0.15
WA-267830-26-0635BC	26	30	0.254MM	0.66	16.51MM	±0.15
WA-267830-30-0635BC	30	30	0.254MM	0.66	19.05MM	±0.15
WA-267830-34-0635BC	34	30	0.254MM	0.66	21.59MM	±0.15
WA-267830-40-0635BC	40	30	0.254MM	0.66	25.40MM	±0.15
WA-267830-50-0635BC	50	30	0.254MM	0.66	31.75MM	±0.15
WA-267830-68-0635BC	68	30	0.254MM	0.66	43.18MM	±0.15
WA-267830-80-0635BC	80	30	0.254MM	0.66	50.80MM	±0.15

MARKING:

PUYER 兪 AWM 2678 E350147 VW-1 105°C 150V 30AWG_c 兪 AWM I A FT1 105°C 150V -LF-