JUMPER CABLE
JW1278

UL & CSA GRADE :

UL STYLE : 2651
Rate Temperature : -20℃ to 105℃
Rate Voltage : 300V
Flame Test : VW-1

CSA Standard : C22.2 No.210.2
Rate Temperature : -20℃ to 105℃
Rate Voltage : 300V
Flame Test : FT1,FT2

CONDUCTOR : TOP-COATED

AWG size : 28 AWG
Number of strands in each conductor : 7/0.127mm
Lay of strands in each conductor : 0.5 inch at least
Cross section area : 156 mil

INSULATION :

Material of insulation : polyvinyl chloride(PVC)
Insulation thickness average : 9 mil
Minimum insulation thickness : 7 mil

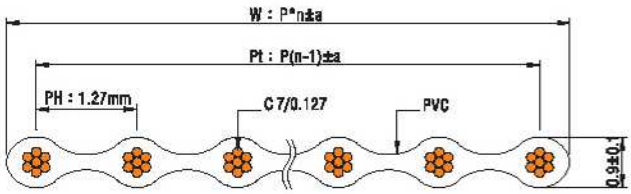
PHYSICAL PROPERTIES :

After 7 days air oven at 136℃
Average tensile strength : 1500 lbs/inch^2
Percent of original : 70% at least
Average elongation : 200%
Percent of original : 65% at least

Electronic Characteristics :

Spark test : 2500V
Dielectric strength test : Min. 2 KV in 1 minute
Conductor resistance : Max. 237 Ω/km
Insulation resistance : Min. 100 MΩ-km
Capacity : 60 pF/m (G-S-G)
Inductance : 1.45 μH/m
Characteristic Impedance : 100 Ω(G-S-G)
Propagation delay time : 4.2 ns/m

CONSTRUCTION DRAWING :



USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.

CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW1278-4	4	28	7/0.127	0.9	5.08	+0.30
JW1278-5	5	28	7/0.127	0.9	6.35	+0.30
JW1278-6	6	28	7/0.127	0.9	7.62	+0.30
JW1278-7	7	28	7/0.127	0.9	8.89	+0.30
JW1278-8	8	28	7/0.127	0.9	10.16	+0.30
JW1278-9	9	28	7/0.127	0.9	11.43	+0.30
JW1278-10	10	28	7/0.127	0.9	12.70	+0.30
JW1278-12	12	28	7/0.127	0.9	15.24	+0.30
JW1278-13	13	28	7/0.127	0.9	16.51	+0.30
JW1278-14	14	28	7/0.127	0.9	17.78	+0.30
JW1278-16	16	28	7/0.127	0.9	20.32	+0.30
JW1278-18	18	28	7/0.127	0.9	22.86	+0.30
JW1278-20	20	28	7/0.127	0.9	25.40	+0.30
JW1278-22	22	28	7/0.127	0.9	27.94	+0.30
JW1278-24	24	28	7/0.127	0.9	30.48	+0.30
JW1278-30	30	28	7/0.127	0.9	38.10	+0.30
JW1278-40	40	28	7/0.127	0.9	50.80	+0.40
JW1278-50	50	28	7/0.127	0.9	63.50	+0.40