

JUMPER CABLE

JW3968



UL & CSA GRADE :

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

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

CONDUCTOR : Stranded

AWG size : 18 AWG
 Number of strands in each conductor : 7/0.386mm
 Lay of strands in each conductor : 2 inch at least
 Cross section area : 1620 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°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

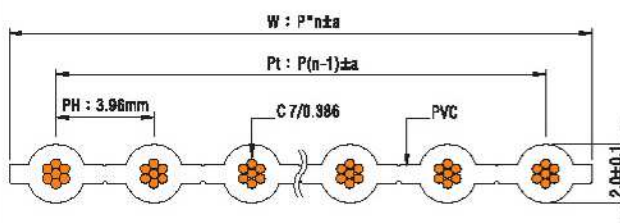
CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW3968-3	3	18	7/0.386	2.0	11.88	+0.40
JW3968-4	4	18	7/0.386	2.0	15.84	+0.40
JW3968-5	5	18	7/0.386	2.0	19.80	+0.40
JW3968-6	6	18	7/0.386	2.0	23.76	+0.40
JW3968-7	7	18	7/0.386	2.0	27.72	+0.40
JW3968-8	8	18	7/0.386	2.0	31.68	+0.40
JW3968-9	9	18	7/0.386	2.0	35.64	+0.40
JW3968-10	10	18	7/0.386	2.0	39.60	+0.40
JW3968-12	12	18	7/0.386	2.0	47.52	+0.40
JW3968-14	14	18	7/0.386	2.0	55.44	+0.40
JW3968-16	16	18	7/0.386	2.0	63.36	+0.40
JW3968-18	18	18	7/0.386	2.0	71.28	+0.40
JW3968-20	20	18	7/0.386	2.0	79.20	+0.40
JW3968-21	21	18	7/0.386	2.0	83.16	+0.50
JW3968-22	22	18	7/0.386	2.0	87.12	+0.50
JW3968-24	24	18	7/0.386	2.0	95.04	+0.50

Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 24.4 Ω/km
 Insulation resistance : Min. 200 MΩ-km
 Capacity : 38 pF/m (G-S-G)
 Inductance : 1.5 μH/m
 Characteristic Impedance : 55 Ω(G-S-G)
 Propagation delay time : 4.0 ns/m

CONSTRUCTION DRAWING :



USAGE :

STRANDED : Internal wiring of electronic equipment, such as computers and electronic business machines. Also used in power lines.