

JUMPER CABLE

JW1508



■ 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 : 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°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

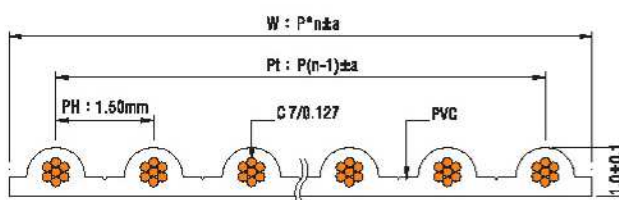
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW1508-4	4	28	7/0.127	1.0	6.0	+0.30
JW1508-5	5	28	7/0.127	1.0	7.5	+0.30
JW1508-6	6	28	7/0.127	1.0	9.0	+0.30
JW1508-7	7	28	7/0.127	1.0	10.5	+0.30
JW1508-8	8	28	7/0.127	1.0	12.0	+0.30
JW1508-9	9	28	7/0.127	1.0	13.5	+0.30
JW1508-10	10	28	7/0.127	1.0	15.0	+0.30
JW1508-12	12	28	7/0.127	1.0	18.0	+0.30
JW1508-14	14	28	7/0.127	1.0	21.0	+0.30
JW1508-16	16	28	7/0.127	1.0	24.0	+0.30
JW1508-18	18	28	7/0.127	1.0	27.0	+0.30
JW1508-20	20	28	7/0.127	1.0	30.0	+0.30
JW1508-22	22	28	7/0.127	1.0	33.0	+0.30
JW1508-24	24	28	7/0.127	1.0	36.0	+0.30
JW1508-30	30	28	7/0.127	1.0	45.0	+0.30
JW1508-40	40	28	7/0.127	1.0	60.0	+0.40
JW1508-50	50	28	7/0.127	1.0	75.0	+0.40
JW1508-55	55	28	7/0.127	1.0	82.5	+0.40

■ 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 : 50 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.