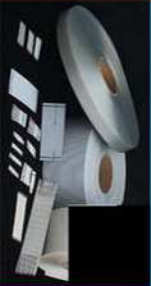


JUMPER CABLE

JW2544



■ 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 : 24 AWG
 Number of strands in each conductor : 7/0.203mm
 Lay of strands in each conductor : 0.7 inch at least
 Cross section area : 404 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

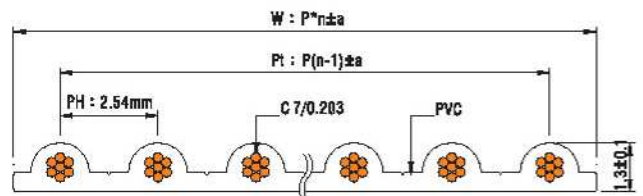
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2544-8	8	24	7/0.203	1.3	20.32	+0.30
JW2544-9	9	24	7/0.203	1.3	22.86	+0.30
JW2544-10	10	24	7/0.203	1.3	25.40	+0.30
JW2544-12	12	24	7/0.203	1.3	30.48	+0.30
JW2544-14	14	24	7/0.203	1.3	35.56	+0.40
JW2544-16	16	24	7/0.203	1.3	40.64	+0.40
JW2544-18	18	24	7/0.203	1.3	45.72	+0.40
JW2544-20	20	24	7/0.203	1.3	50.80	+0.40
JW2544-22	22	24	7/0.203	1.3	55.88	+0.40
JW2544-24	24	24	7/0.203	1.3	60.96	+0.40
JW2544-26	26	24	7/0.203	1.3	66.04	+0.40
JW2544-28	28	24	7/0.203	1.3	71.12	+0.50
JW2544-30	30	24	7/0.203	1.3	76.20	+0.50
JW2544-32	32	24	7/0.203	1.3	81.28	+0.50
JW2544-34	34	24	7/0.203	1.3	86.36	+0.50
JW2544-36	36	24	7/0.203	1.3	91.44	+0.50
JW2544-38	38	24	7/0.203	1.3	96.52	+0.50
JW2544-40	40	24	7/0.203	1.3	101.6	+0.50

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 93 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 31 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 80 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.