

JUMPER CABLE

JW2546



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 : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 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

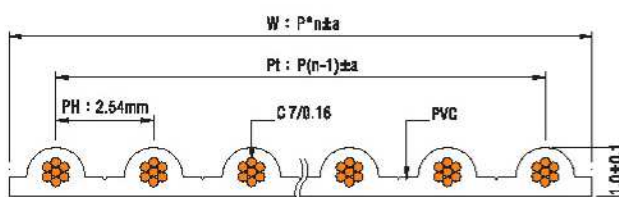
CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2546-2	2	26	7/0.16	1.0	5.08	+0.30
JW2546-3	3	26	7/0.16	1.0	7.62	+0.30
JW2546-4	4	26	7/0.16	1.0	10.16	+0.30
JW2546-5	5	26	7/0.16	1.0	12.70	+0.30
JW2546-6	6	26	7/0.16	1.0	15.24	+0.30
JW2546-7	7	26	7/0.16	1.0	17.78	+0.30
JW2546-8	8	26	7/0.16	1.0	20.32	+0.30
JW2546-9	9	26	7/0.16	1.0	22.86	+0.30
JW2546-10	10	26	7/0.16	1.0	25.40	+0.30
JW2546-12	12	26	7/0.16	1.0	30.48	+0.30
JW2546-14	14	26	7/0.16	1.0	35.56	+0.30
JW2546-16	16	26	7/0.16	1.0	40.64	+0.40
JW2546-18	18	26	7/0.16	1.0	45.72	+0.40
JW2546-20	20	26	7/0.16	1.0	50.80	+0.40
JW2546-22	22	26	7/0.16	1.0	55.88	+0.40
JW2546-24	24	26	7/0.16	1.0	60.96	+0.40
JW2546-30	30	26	7/0.16	1.0	76.20	+0.50
JW2546-40	40	26	7/0.16	1.0	101.60	+0.50
JW2546-42	42	26	7/0.16	1.0	106.68	+0.50

Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 24 pF/m (G-S-G)
 Inductance : 1.4 μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

CONSTRUCTION DRAWING :



USAGE :

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