

# JUMPER CABLE

## JW2506



### 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/inch<sup>2</sup>  
 Percent of original : 70% at least  
 Average elongation : 200%  
 Percent of original : 65% at least

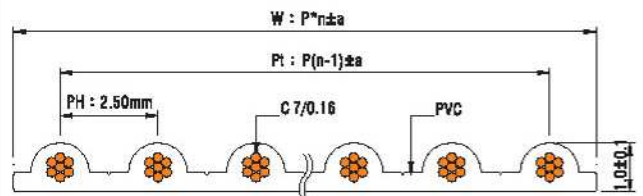
### CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2506-2	2	26	7/0.16	1.0	5.0	+0.30
JW2506-3	3	26	7/0.16	1.0	7.5	+0.30
JW2506-4	4	26	7/0.16	1.0	10.0	+0.30
JW2506-5	5	26	7/0.16	1.0	12.5	+0.30
JW2506-6	6	26	7/0.16	1.0	15.0	+0.30
JW2506-7	7	26	7/0.16	1.0	17.5	+0.30
JW2506-8	8	26	7/0.16	1.0	20.0	+0.30
JW2506-9	9	26	7/0.16	1.0	22.5	+0.30
JW2506-10	10	26	7/0.16	1.0	25.0	+0.30
JW2506-12	12	26	7/0.16	1.0	30.0	+0.30
JW2506-14	14	26	7/0.16	1.0	35.0	+0.30
JW2506-16	16	26	7/0.16	1.0	40.0	+0.40
JW2506-18	18	26	7/0.16	1.0	45.0	+0.40
JW2506-20	20	26	7/0.16	1.0	50.0	+0.40
JW2506-22	22	26	7/0.16	1.0	55.0	+0.40
JW2506-24	24	26	7/0.16	1.0	60.0	+0.40
JW2506-30	30	26	7/0.16	1.0	75.0	+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.