

HJS Jumper Cable

✧UL&CSA GRADE :

UL STYLE: 2651

Rate temperature : 105° C

Rate voltage : 300V

Flame test : VW-1

CSA Standard : C22.2 No. 210.2

Rate temperature : 105° C

Rate voltage : 300V

Flame test : FT1,FT2

✧CONDUCTOR : Solid

AWG size : 26AWG

Number of strands in each conductor : 7/0.16mm.

Lay of strands in each conductor : 0.6 inch at least

Cross section area : 253mil.

✧INSULATION :

Material of insulation : polyvinyl chloride(PVC)gray

Insulation thickness average : 9mil.

Minimum insulation thickness : 7mil.

✧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

✧ELECTRONIC CHARACTERISTICS :

Spark test : 2500V

Dielectric strength test : Minimum 2 KV in 1 minute

Conductor resistance : Maximum 143 Ω /km

Insulation resistance : Minimum 100 M Ω -km

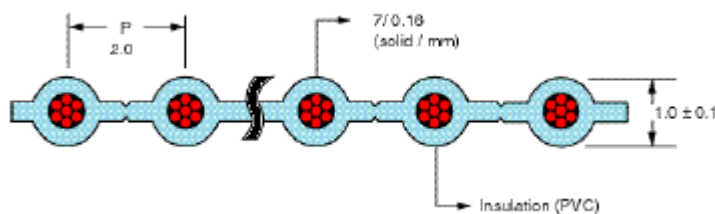
Capacity : 32pF/m (G-S-G)

Inductance : 1.45 μ H/m

Characteristic Impedance : 123 Ω (G-S-G)

Propagation delay time : 3.7ns/m

✧CONSTRUCTION DRAWING:

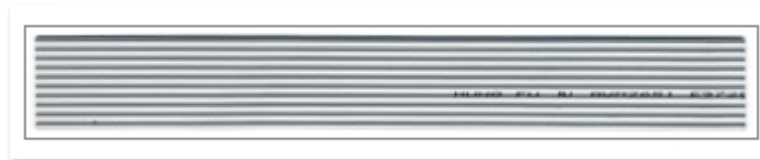


Specification: (N=Number of conductors)

✦ USAGE :

Solid : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.

✦ SAMPLE :



✦ CONSTRUCTION TABLE

Code No.	Number of Cores	Size of conductor		Thickness (mm±0.05)	Width (mm)	Allowable error(mm)
		(AWG)	Composition (solid/mm)			
HJS-8	8	26	7/0.16	1.0	16	± 0.30
HJS-9	9	26	7/0.16	1.0	18	± 0.30
HJS-10	10	26	7/0.16	1.0	20	± 0.30
HJS-11	11	26	7/0.16	1.0	24	± 0.30
HJS-12	12	26	7/0.16	1.0	26	0.30
HJS-13	13	26	7/0.16	1.0	28	± 0.30
HJS-15	15	26	7/0.16	1.0	30	± 0.30
HJS-16	16	26	7/0.16	1.0	32	± 0.30
HJS-18	18	26	7/0.16	1.0	36	± 0.30
HJS-20	20	26	7/0.16	1.0	40	± 0.40
HJS-22	22	26	7/0.16	1.0	44	± 0.40
HJS-24	24	26	7/0.16	1.0	48	± 0.40
HJS-26	26	26	7/0.16	1.0	52	± 0.40
HJS-28	28	26	7/0.16	1.0	56	± 0.40
HJS-30	30	26	7/0.16	1.0	60	± 0.40
HJS-32	32	26	7/0.16	1.0	64	± 0.40
HJS-34	34	26	7/0.16	1.0	68	± 0.40
HJS-36	36	26	7/0.16	1.0	72	± 0.50
HJS-38	38	26	7/0.16	1.0	76	± 0.50
HJS-40	40	26	7/0.16	1.0	80	± 0.50