

H24 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 : 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 : 404mil.

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 89 Ω /km
Insulation resistance : Minimum 100 M Ω -km
Capacity : 31pF/m (G-S-G)
Inductance : 1.45 μ H/m
Characteristic Impedance : 118 Ω (G-S-G)

USAGE :

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

Stranded Used for most electronic equipment requiring a higher rated current due to long-distance connection.

This type of cable may be used with connectors of pitch 2.54.

CONSTRUCTION TABLE

Code No.	Number of Cores	Size of conductor		Thickness (mm±0.05)	Width (mm)	Allowable error(mm)
		(AWG)	Composition (solid/mm)			
H24-8	8	24	7/0.203	1.3	20.32	± 0.30
H24-9	9	24	7/0.203	1.3	22.86	± 0.30
H24-10	10	24	7/0.203	1.3	25.40	± 0.30
H24-12	12	24	7/0.203	1.3	30.48	± 0.30
H24-13	13	24	7/0.203	1.3	33.02	± 0.30
H24-14	14	24	7/0.203	1.3	35.56	± 0.40
H24-15	15	24	7/0.203	1.3	38.10	± 0.40
H24-16	16	24	7/0.203	1.3	40.64	± 0.40
H24-18	18	24	7/0.203	1.3	45.72	± 0.40
H24-20	20	24	7/0.203	1.3	50.80	± 0.40
H24-22	22	24	7/0.203	1.3	55.88	± 0.40
H24-24	24	24	7/0.203	1.3	60.96	± 0.40
H24-26	26	24	7/0.203	1.3	66.04	± 0.40
H24-28	28	24	7/0.203	1.3	71.12	± 0.50
H24-30	30	24	7/0.203	1.3	76.20	± 0.50
H24-32	32	24	7/0.203	1.3	81.28	± 0.50
H24-34	34	24	7/0.203	1.3	86.36	± 0.50
H24-36	36	24	7/0.203	1.3	91.44	± 0.50
H24-38	38	24	7/0.203	1.3	96.52	± 0.50
H24-40	40	24	7/0.203	1.3	101.60	± 0.50