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Our  
Product

**FLAT CABLE**

- » [HM Flat Cable](#)    » [HMT Flat Cable](#)    » [HFS Flat Cable](#)    » [HF Flat Cable](#)    » [HJS Jumper Cable](#)
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**HF Flat 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 : Stranded**

AWG size : 28 AWG

Number of strands in each conductor : 7/0.127mm.

Lay of strands in each conductor : 0.5 inch at least

Cross section area : 156 mil.

» **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/inch<sup>2</sup>

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  $237 \Omega$  /km

Insulation resistance : Minimum  $100 M\Omega$ -km

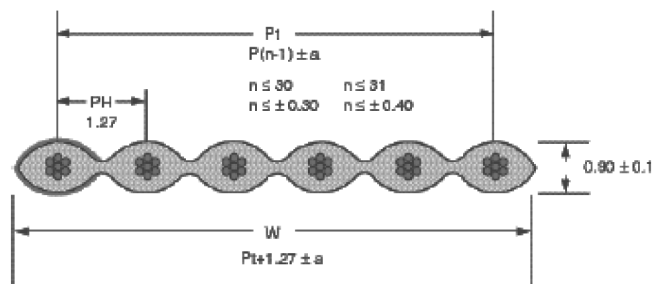
Capacity : 44pF/m (G-S-G)

Inductance : 1.45 $\mu$ H/m

Character istic Impedance :  $105 \Omega$  (G-S-G)

Propagation delay time : 4.2 ns/m

➤ CONSTRUCTION DRAWING:

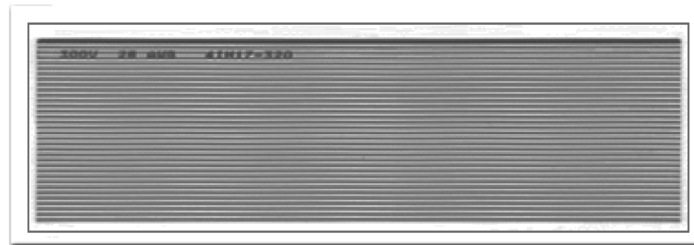


Specification:(N=Number of conductors)

➤ USAGE :

Internal connection in computers , duplicators, fax machines, electronic games, interface cards and many other electronic equipment and devices.

➤ SAMPLE :



➤ CONSTRUCTION TABLE

Code No.	Number of Cores	Size of conductor		Thick ness (mm $\pm$ 0.05)	Width (mm)	Allowable error (mm)
		(AWG)	Composition (solid/mm)			
HF-9	9	28	7/0.127	0.9	11.43	$\pm 0.30$
HF-10	10	28	7/0.127	0.9	12.70	$\pm 0.30$
HF-14	14	28	7/0.127	0.9	17.78	$\pm 0.30$
HF-15	15	28	7/0.127	0.9	19.05	$\pm 0.30$
HF-16	16	28	7/0.127	0.9	20.32	$\pm 0.30$
HF-20	20	28	7/0.127	0.9	25.40	$\pm 0.30$

HF-25	25	28	7/0.127	0.9	31.75	± 0.30
HF-26	26	28	7/0.127	0.9	33.02	± 0.30
HF-30	30	28	7/0.127	0.9	38.10	± 0.30
HF-34	34	28	7/0.127	0.9	43.18	± 0.40
HF-36	36	28	7/0.127	0.9	45.72	± 0.40
HF-40	40	28	7/0.127	0.9	50.80	± 0.40
HF-50	50	28	7/0.127	0.9	63.50	± 0.40
HF-60	60	28	7/0.127	0.9	76.20	± 0.40
HF-64	64	28	7/0.127	0.9	81.28	± 0.40

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