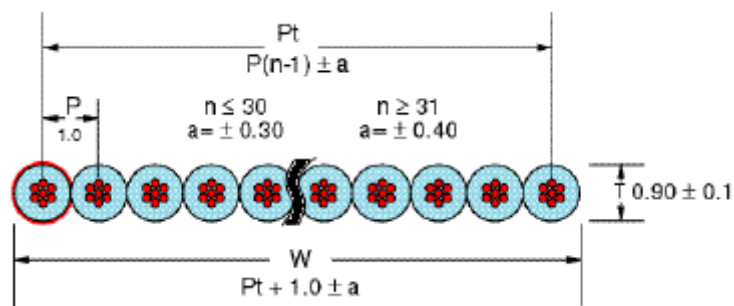


HFS Flat Cable	
✧UL&CSA GRADE : UL STYLE:2651 Rate temperature : 105° C Rate voltage : 300V Flame test : VW-1 CSA Standard : C22.2 No. 210.2 Rate temperature : 105° C Rate voltage : 300V Flame test : FT1,FT2	
✧CONDUCTOR : Stranded AWG size : 28 AWG Number of strands in each conductor : 7/0.127mm. Lay of strands in each conductor : 0.5 inch at least Cross section area : 156 mil.	
✧INSULATION : Mater ial of insulation : polyvinyl chlor ide(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 or iginal : 70% at least Average elongation : 200% Percent of or iginal : 65% at least	
✧ELECTRONIC CHARACTERISTICS : Spark test : 2500V Dielectric strength test : Minimum 2 KV in 1 minute Conductor resistance : Maximum 237Ω /km Insulation resistance : Minimum 100 MΩ-km Capacity : 56 pF/m (G-S-G) Inductance : 1.45μ H/m Character istic Impedance : 90Ω (G-S-G) Propagation delay time : 4.65 ns/m	
✧CONSTRUCTION DRAWING:	

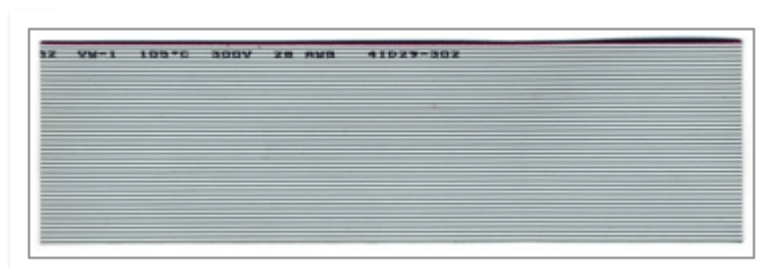


Specification: (N=Number of conductors)

❖ **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		Thickness (mm ± 0.05)	Width (mm)	Allowable error (mm)
		(AWG)	Composition (solid/mm)			
HFS-10	10	28	7/0.127	0.9	10	± 0.20
HFS-12	12	28	7/0.127	0.9	12	± 0.20
HFS-14	14	28	7/0.127	0.9	14	± 0.20
HFS-15	15	28	7/0.127	0.9	15	± 0.20
HFS-16	16	28	7/0.127	0.9	16	± 0.20
HFS-20	20	28	7/0.127	0.9	20	± 0.30
HFS-25	25	28	7/0.127	0.9	25	± 0.30
HFS-26	26	28	7/0.127	0.9	26	± 0.30
HFS-34	34	28	7/0.127	0.9	34	± 0.40
HFS-40	40	28	7/0.127	0.9	40	± 0.40
HFS-44	44	28	7/0.127	0.9	44	± 0.40
HFS-50	50	28	7/0.127	0.9	50	± 0.40
HFS-60	60	28	7/0.127	0.9	60	± 0.40

HFS-64	64	28	7/0.127	0.9	64	± 0.40
HFS-68	68	28	7/0.127	0.9	68	± 0.40