

FC1028

■ 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 : 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)

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/inch²

Percent of original : 70% at least

Average elongation : 200%

Percent of original : 65% at least

■ Electronic Characteristics :

Spark test : 2500V

Dielectric strength test : Min. 2 KV in 1 minute

Conductor resistance : Max. 237 Ω/km

Insulation resistance : Min. 100 MΩ-km

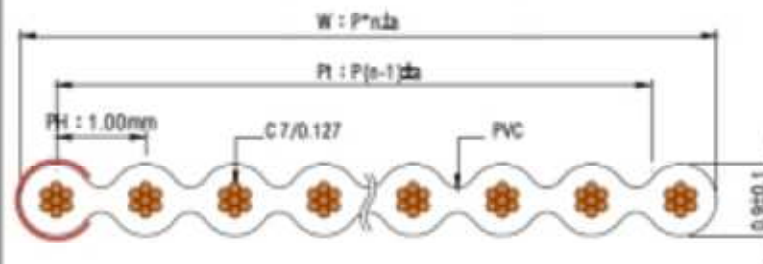
Capacity : 56 pF/m (G-S-G)

Inductance : 1.45 μH/m

Characteristic Impedance : 90 Ω(G-S-G)

Propagation delay time : 4.65 ns/m

■ CONSTRUCTION DRAWING :

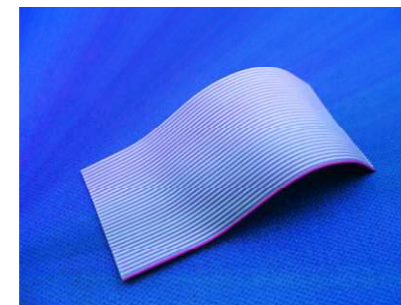


■ USAGE :

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

CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm) ± 0.05	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid / mm)			
HFS-08	8	28	7/0.127	0.9	8.0	± 0.20
HFS-10	10	28	7/0.127	0.9	10.0	± 0.20
HFS-12	12	28	7/0.127	0.9	12.0	± 0.20
HFS-14	14	28	7/0.127	0.9	14.0	± 0.20
HFS-16	16	28	7/0.127	0.9	16.0	± 0.20
HFS-18	18	28	7/0.127	0.9	18.0	± 0.30
HFS-20	20	28	7/0.127	0.9	20.0	± 0.30
HFS-24	24	28	7/0.127	0.9	24.0	± 0.30
HFS-26	26	28	7/0.127	0.9	26.0	± 0.30
HFS-30	30	28	7/0.127	0.9	30.0	± 0.30
HFS-34	34	28	7/0.127	0.9	34.0	± 0.30
HFS-36	36	28	7/0.127	0.9	36.0	± 0.40
HFS-40	40	28	7/0.127	0.9	40.0	± 0.40
HFS-50	50	28	7/0.127	0.9	50.0	± 0.40
HFS-60	60	28	7/0.127	0.9	60.0	± 0.40
HFS-64	64	28	7/0.127	0.9	64.0	± 0.40
HFS-68	68	28	7/0.127	0.9	68.0	± 0.40



RoHS Compliant