

FLAT CABLE

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

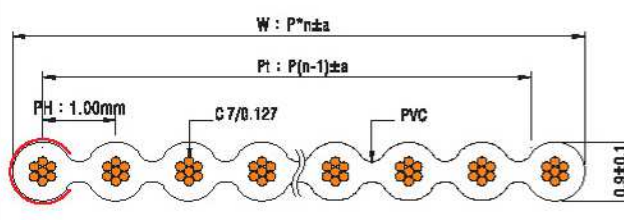
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
FC1028-8	8	28	7/0.127	0.9	8.0	+0.20
FC1028-10	10	28	7/0.127	0.9	10.0	+0.20
FC1028-12	12	28	7/0.127	0.9	12.0	+0.20
FC1028-14	14	28	7/0.127	0.9	14.0	+0.20
FC1028-16	16	28	7/0.127	0.9	16.0	+0.20
FC1028-18	18	28	7/0.127	0.9	18.0	+0.30
FC1028-20	20	28	7/0.127	0.9	20.0	+0.30
FC1028-24	24	28	7/0.127	0.9	24.0	+0.30
FC1028-26	26	28	7/0.127	0.9	26.0	+0.30
FC1028-30	30	28	7/0.127	0.9	30.0	+0.30
FC1028-34	34	28	7/0.127	0.9	34.0	+0.40
FC1028-36	36	28	7/0.127	0.9	36.0	+0.40
FC1028-40	40	28	7/0.127	0.9	40.0	+0.40
FC1028-50	50	28	7/0.127	0.9	50.0	+0.40
FC1028-60	60	28	7/0.127	0.9	60.0	+0.40
FC1028-64	64	28	7/0.127	0.9	64.0	+0.40
FC1028-68	68	28	7/0.127	0.9	68.0	+0.40

■ 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 : 1.45μH/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.