FLAT CABLE
FC1276

■ UL & CSA GRADE :

UL STYLE : 2651
Rate Temperature : -20℃ to 105℃
Rate Voltage : 300V
Flame Test : VW-1

CSA Standard : C22.2 No.210.2
Rate Temperature : -20℃ to 105℃
Rate Voltage : 300V
Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 26 AWG
Number of strands in each conductor : 7/0.16mm
Lay of strands in each conductor : 0.6 inch at least
Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
Insulation thickness average : 9 mil
Minimum insulation thickness : 7 mil

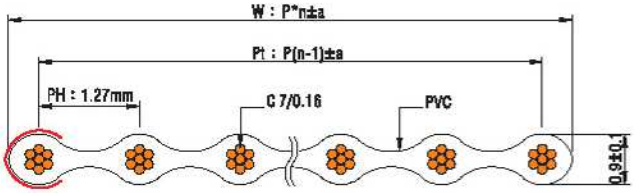
■ PHYSICAL PROPERTIES :

After 7 days air oven at 136℃
Average tensile strength : 1500 lbs/inch^2
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. 148 Ω/km
Insulation resistance : Min. 100 MΩ-km
Capacity : 40 pF/m (G-S-G)
Inductance : 1.4μH/m
Characteristic Impedance : 90 Ω(G-S-G)
Propagation delay time : 4.2 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 ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
FC1276-9	9	26	7/0.16	0.9	11.43	+0.30
FC1276-10	10	26	7/0.16	0.9	12.70	+0.30
FC1276-12	12	26	7/0.16	0.9	15.24	+0.30
FC1276-14	14	26	7/0.16	0.9	17.78	+0.30
FC1276-16	16	26	7/0.16	0.9	20.32	+0.30
FC1276-18	18	26	7/0.16	0.9	22.86	+0.30
FC1276-20	20	26	7/0.16	0.9	25.40	+0.30
FC1276-24	24	26	7/0.16	0.9	30.48	+0.30
FC1276-26	26	26	7/0.16	0.9	33.02	+0.30
FC1276-30	30	26	7/0.16	0.9	38.10	+0.30
FC1276-34	34	26	7/0.16	0.9	43.18	+0.30
FC1276-36	36	26	7/0.16	0.9	45.72	+0.40
FC1276-40	40	26	7/0.16	0.9	50.80	+0.40
FC1276-44	44	26	7/0.16	0.9	55.88	+0.40
FC1276-50	50	26	7/0.16	0.9	63.50	+0.40
FC1276-60	60	26	7/0.16	0.9	76.20	+0.40
FC1276-64	64	26	7/0.16	0.9	81.28	+0.40