

# FLAT CABLE

## UL2651 Flat Cable Series

### KLS17-200-FC Series

#### Product Description

UL STYLE: 2651  
Rate temperature : 105°C  
Rate voltage : 300V  
Passes UL VW-1 & CSA Standard : C22.2 No. 210.2  
Flame test : FT1,FT2  
Solid or stranded ,tinned or bare copper conductor 26~24AWG  
PVC insulation , comply with ROHS environmental standard  
Uniform insulation thickness to ensure easy stripping and cutting  
For general purpose internal wiring of appliance

#### CONDUCTOR : Solid

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

#### 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

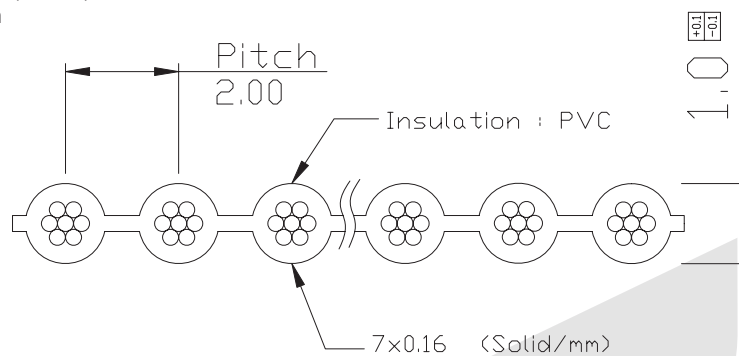
Average tensile strength : 1500 lbs/  
Percent of original : 70% at least  
Average elongation : 200%  
Percent of original : 65% at least

#### ELECTRONIC CHARACTERISTICS :

Spark test : 2500V  
Dielectric strength test : Minimum 2 KV in 1 minute  
Conductor resistance : Maximum 143Ω/km  
Insulation resistance : Minimum 100 MΩ-km  
Capacity : 32pF/m (G-S-G)  
Inductance : 1.45μH/m  
Characteristic Impedance : 123Ω (G-S-G)  
Propagation delay time : 3.7ns/m



XVII



## ORDER INFORMATION

Product NO.: KLS17-200-FC-XX - 2

Part Number	Pin Number	Long / Reel
	XX:08~40Pin	2-76.5M/Reel 3-153M/Reel

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Code No.	Number of Cores	Size of conductor		Thic kness (mm 0.05)	Width (mm)	Allowable error (mm)
		AWG	Composition (solid/mm)			
FC-8	8	26	7/0.16	1	16	0.30
FC-9	9	26	7/0.16	1	18	0.30
FC-10	10	26	7/0.16	1	20	0.30
FC-11	11	26	7/0.16	1	24	0.30
FC-12	12	26	7/0.16	1	26	0.3
FC-13	13	26	7/0.16	1	28	0.30
FC-15	15	26	7/0.16	1	30	0.30
FC-16	16	26	7/0.16	1	32	0.30
FC-18	18	26	7/0.16	1	36	0.30
FC-20	20	26	7/0.16	1	40	0.40
FC-22	22	26	7/0.16	1	44	0.40
FC-24	24	26	7/0.16	1	48	0.40
FC-26	26	26	7/0.16	1	52	0.40
FC-28	28	26	7/0.16	1	56	0.40
FC-30	30	26	7/0.16	1	60	0.40
FC-32	32	26	7/0.16	1	64	0.40
FC-34	34	26	7/0.16	1	68	0.40
FC-36	36	26	7/0.16	1	72	0.50
FC-38	38	26	7/0.16	1	76	0.50
FC-40	40	26	7/0.16	1	80	0.50

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XX:08~40Pin

Long / Reel  
2-76.5M/Reel  
3-153M/Reel