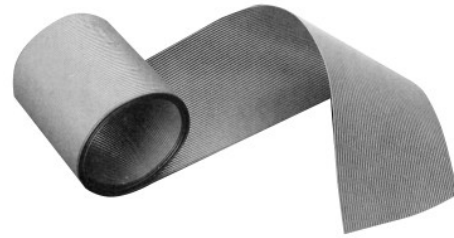


.050" PITCH FLAT CABLE

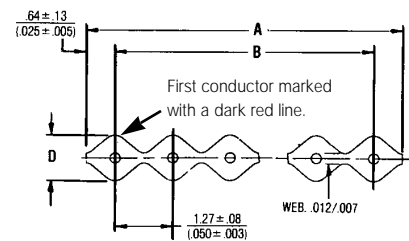
SERIES 171 – 28 AWG (7/36) STRANDED

SERIES 173 – 28 AWG SOLID

SERIES 179 – 26 AWG (7/34) STRANDED



CATALOG SERIES	SPECIFICATIONS						
	171		173		179		
Wire Size AWG	28 Stranded		28 Solid		26 Stranded		
Insulation Material	PVC		PVC		PVC		
Conductor Spacing mm (in)	1.27 (.050)		1.27 (.050)		1.27 (.050)		
Temperature Rating (°C)	105		105		105		
Voltage Rating (RMS)	300		300		300		
Impedance Ohms	100		105		93		
Capacitance pF/M (pF/FT)	46 (14)		44.3 (13.5)		49.5 (15.1)		
Inductance μH/M (μH/FT)	.46 (.14)		.49 (.15)		.43 (.13)		
Velocity of Propagation nS/M (nS/FT)	4.53 (1.38)		4.53 (1.38)		4.43 (1.35)		
Insulation Resistance Ohms/Ft	10 ¹⁰		10 ¹⁰		10 ¹⁰		
Typical Crosstalk Characteristics	Rise Time nSec	3.0	7.0	3.0	7.0	3.0	7.0
	Near End (%)	5.0	3.2	4.8	3.1	5.2	3.8
10FT Sample 1 line driven	Far End (%)	6.7	2.7	7.3	2.9	6.1	2.3
	UL Style No.	2651		2651		2651	



Accumulation of pitch tolerance between conductors in entire cable may not exceed tolerance of dim. "B".

CABLE SERIES	DIMENSIONS IN MM (INCHES)	
	D	
171	.91 (.036)	
173	.91 (.036)	
179	1.02 (.040)	

Ordering Information

28 GAUGE STRANDED	CATALOG NUMBERS		NO. OF POS.	DIMENSIONS IN MM (INCHES)		
	28 GAUGE SOLID	26 GAUGE SOLID		A	B	B TOLERANCE
171-10ED	173-10	—	10	12.70 (.500)	11.43 (.450)	± .18 (±.007)
171-12	—	—	12	15.24 (.600)	13.97 (.550)	
171-14	173-14	179-14	14	17.78 (.700)	16.51 (.650)	
171-15	173-15	—	15	19.05 (.750)	17.78 (.700)	± .25 (±.010)
171-16	173-16	—	16	20.32 (.800)	19.05 (.750)	
171-20	173-20	—	20	25.40 (1.000)	24.13 (.950)	
171-24ED	173-24	179-24	24	30.48 (1.200)	29.21 (1.150)	
171-25	173-25	—	25	31.75 (1.250)	30.48 (1.200)	
171-26	173-26	—	26	33.02 (1.300)	31.75 (1.250)	
171-28	—	—	28	35.56 (1.400)	34.29 (1.350)	± .38 (±.015)
171-30ED	—	—	30	38.10 (1.500)	36.83 (1.450)	
171-34	173-34	—	34	43.18 (1.700)	41.91 (1.650)	
171-36	—	179-36	36	45.72 (1.800)	44.45 (1.750)	
171-37	173-37	—	37	46.99 (1.850)	45.72 (1.800)	
171-40ED	173-40	—	40	50.80 (2.000)	49.53 (1.950)	
171-44	173-44	—	44	55.88 (2.200)	54.61 (2.150)	± .38 (±.015)
171-50	173-50	179-50	50	63.50 (2.500)	62.23 (2.450)	
171-56	173-56	—	56	71.12 (2.800)	69.85 (2.750)	
171-60	173-60	—	60	76.20 (3.000)	74.93 (2.950)	
171-64	—	—	64	81.28 (3.200)	80.01 (3.150)	