

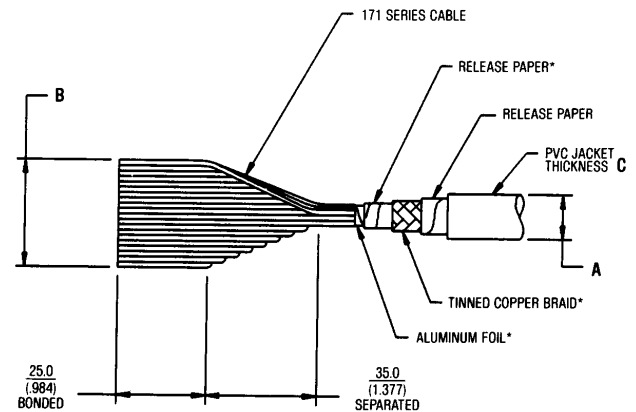
.050" PITCH FLAT-TO-ROUND CABLE

SERIES 300 – 28 AWG (7/36) STRANDED

SERIES 301 – 28 AWG (7/36) STRANDED



SPECIFICATIONS		300 SHIELDED		301 UNSHIELDED	
CATALOG SERIES		300 SHIELDED		301 UNSHIELDED	
Wire Size AWG		28		28	
Insulation Material		PVC		PVC	
Conductor Spacing mm (in)		1.27 (.050)		1.27 (.050)	
Temperature Rating (°C)		80		80	
Voltage Rating (RMS)		300		300	
Impedance Ohms		57		63	
Capacitance pF/M (pF/FT)		92.2 (36.3)		80.5 (31.7)	
Inductance μH/M (μH/FT)		.30 (.120)		.33 (.129)	
Velocity of Propagation nS/M (nS/FT)		4.5 (1.79)		4.4 (1.73)	
Typical Crosstalk Characteristics	Rise Time nSec	3.0	7.0	3.0	7.0
	Near End (%)	3.8	1.8	4.8	3.5
	Far End (%)	4.8	3.3	5.8	3.0
10FT Sample 1 line driven					
UL Style No		20267		20267	



*ITEMS MARKED ARE ON 300-XX SHIELDED CABLE ONLY.

Ordering Information

NO. OF CONDUCTORS	SHIELDED CABLE	DIMENSIONS IN MM (INCHES)			NON-SHIELDED CABLE	DIMENSIONS IN MM (INCHES)		
		A	B	C		A	B	C
9	300-09	7.0 (0.27)	11.43 (0.45)	0.8 (0.03)	301-09	6.5 (0.26)	11.43 (0.45)	0.8 (0.03)
10	300-10	7.0 (0.27)	12.70 (0.50)	0.8 (0.03)	301-10	6.5 (0.26)	12.70 (0.50)	0.8 (0.03)
14	300-14	7.5 (0.29)	17.78 (0.70)	0.8 (0.03)	301-14	7.0 (0.28)	17.78 (0.70)	0.8 (0.03)
15	300-15	7.5 (0.29)	19.05 (0.75)	0.8 (0.03)	301-15	7.0 (0.28)	19.05 (0.75)	0.8 (0.03)
16	300-16	8.4 (0.33)	20.30 (0.80)	0.8 (0.03)	301-16	7.9 (0.31)	20.30 (0.80)	0.8 (0.03)
20	300-20	8.5 (0.33)	25.40 (1.00)	0.8 (0.03)	301-20	8.0 (0.31)	25.40 (1.00)	0.8 (0.03)
24	300-24	9.2 (0.36)	30.48 (1.20)	0.8 (0.03)	301-24	7.7 (0.30)	30.48 (1.20)	0.8 (0.03)
25	300-25	9.2 (0.36)	31.75 (1.25)	0.8 (0.03)	301-25	7.7 (0.30)	31.75 (1.25)	0.8 (0.03)
26	300-26	9.8 (0.39)	33.02 (1.30)	0.8 (0.03)	301-26	9.3 (0.37)	33.02 (1.30)	0.8 (0.03)
30	300-30	9.8 (0.39)	38.10 (1.50)	0.8 (0.03)	301-30	9.3 (0.37)	38.10 (1.50)	0.8 (0.03)
34	300-34	10.5 (0.41)	43.20 (1.70)	0.8 (0.03)	301-34	10.0 (0.39)	43.20 (1.70)	0.8 (0.03)
36	300-36	10.6 (0.42)	45.72 (1.80)	0.8 (0.03)	301-36	10.1 (0.40)	45.72 (1.80)	0.8 (0.03)
37	300-37	10.6 (0.42)	47.00 (1.85)	1.0 (0.04)	301-37	10.1 (0.40)	47.00 (1.85)	0.8 (0.03)
40	300-40	11.3 (0.44)	50.80 (2.00)	1.0 (0.04)	301-40	10.8 (0.43)	50.80 (2.00)	1.0 (0.04)
50	300-50	11.6 (0.45)	63.50 (2.50)	1.0 (0.04)	301-50	11.1 (0.44)	63.50 (2.50)	1.0 (0.04)
60	300-60	13.0 (0.51)	76.20 (3.00)	1.0 (0.04)	301-60	12.5 (0.49)	76.20 (3.00)	1.0 (0.04)
64	300-64	13.5 (0.53)	81.30 (3.20)	1.0 (0.04)	301-64	13.0 (0.51)	81.30 (3.20)	1.0 (0.04)