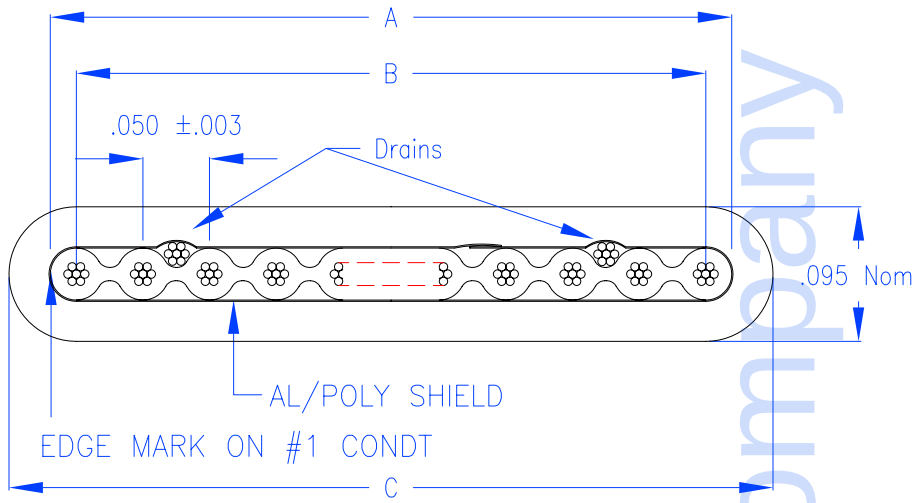

All Dimensions in Inches Unless Otherwise Noted

PHYSICAL

Conductors:	28 AWG 7/36 Tinned Copper
Insulation:	.010" Gray PVC
Shield:	.001" Aluminum/Polyester
Drain:	Two 28 AWG 7/36 Tinned Copper
Temperature Rating:	105°C
Jacket:	.030" Nom Black PVC

ELECTRICAL

Impedance:	70 ohms[1]	50 ohms[2]
Capacitance:	40 pF/ft[1]	50pF/ft[2] @ 1 MHz
Propagation Delay:	1.6 ns/ft	
Voltage Rating:	300 V	
Current Rating:	1 A at 10°C Rise Above Ambient	
Insul. Resistance:	10^{10} ohms – 10 ft MIN.	

Part Number	Count	A Span, Inches(mm)	B Span, Inches(mm)	C Span
151-2831-009	9	.450(11,43) Nom	.400±0.007(10,16±0,18)	.510
151-2831-010	10	.500(12,7) Nom	.450±0.007(11,43±0,18)	.560
151-2831-014	14	.700(17,78) Nom	.650 ±0.007(16,51±0,18)	.760
151-2831-016	16	.800(20,32) Nom	.750 ±0.011(20,32±0,28)	.860
151-2831-020	20	1.000(25,40) Nom	.950 ±0.011(24,13±0,28)	1.060
151-2831-024	24	1.200(30,48) Nom	1.150 ±0.011(29,21±0,28)	1.260
151-2831-025	25	1.250(31,79) Nom	1.200 ±0.011(30,48±0,28)	1.310
151-2831-026	26	1.300(33,02) Nom	1.250 ±0.011(31,75±0,28)	1.360
151-2831-034	34	1.700(43,18) Nom	1.650 ±0.011(41,90±0,28)	1.760
151-2831-036	36	1.800(45,72) Nom	1.750 ±0.015(44,45±0,38)	1.860
151-2831-037	37	1.850(46,99) Nom	1.800 ±0.015(45,72±0,38)	1.910
151-2831-040	40	2.000(50,80) Nom	1.950 ±0.015(49,53±0,38)	2.060
151-2831-050	50	2.500(63,50) Nom	2.450 ±0.015(62,23±0,38)	2.560
151-2831-060	60	3.000(76,20) Nom	2.950 ±0.015(74,93±0,38)	3.060
151-2831-064	64	3.200(81,28) Nom	3.150 ±0.015(80,01±0,38)	3.260

[1] Above values measured Ground–Signal–Ground
[2] Above values measured Ground–Signal–Ground with Shield also Grounded

Approvals: UL CL2 105°C
CSA AWM FT-1

DRAWN	PROD ENG	QA	MKT	P/ECN#	
FITTS 8/30/99	3/7/07			1094	

DRAWING NO. 151-2831-0XX

TITLE: Jacketed, Shieled Planar Cable with Zip Inner

AMPHENOL SPECTRA-STRIP
720 SHERMAN AVE TEL (203) 281-3200
HAMDEN CT 06514 FAX (203) 281-5872

Rev H

Sheet 1 of 1