

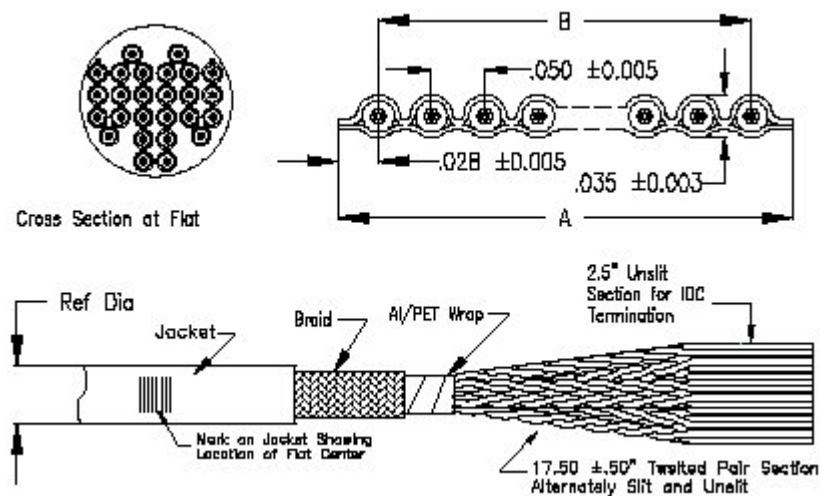
Part Information:

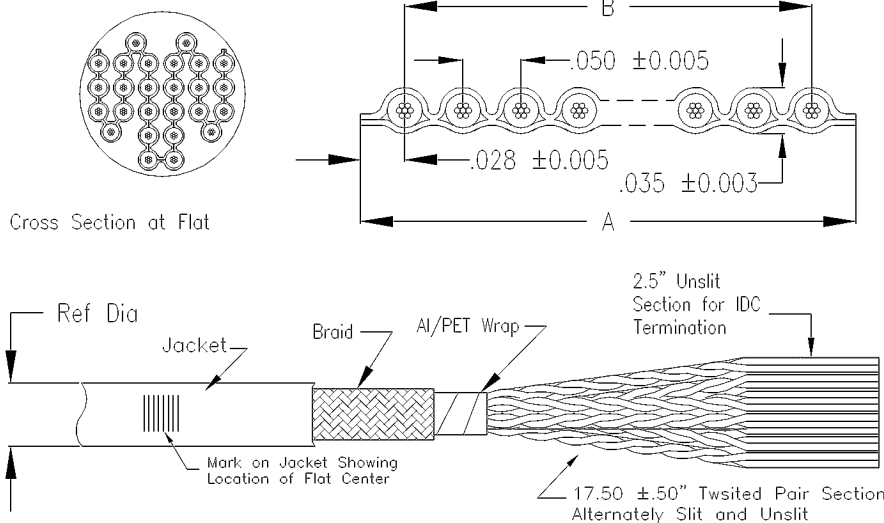
Part Number: 159-2832-0XX

Description: Shielded Jacketed Twist and Flat, 28 AWG, .050" centers

Family: External Round Shielded

Outline Drawing





PHYSICAL

Conductors: 28 AWG 7/36 Tinned Copper
 Insulation: .010" PVC
 Laminate: (2) .005" Clear PVC
 Color Code: Tan Common: Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black and Repeat.
 Shielding: .001" Aluminum/Polyester with 85% minimum coverage Tinned Copper Braid
 Jacket: .030" Black PVC
 Temperature: 105°C

ELECTRICAL

Impedance: 70 ohms
 Capacitance: 25 pF/ft at 1MHz
 Prop Delay: 1.65 ns/ft
 Current Rating: 1.3 A at 10°C Rise Above Ambient
 Voltage Rating: 300 V
 Insulation Res: 10^{10} ohms – 10 ft minimum
 Approvals: UL Listed Type CL2
 CSA AWM FT-1
 Above Values calculated in the ground-signal Configuration

Shielding Variations: -1XX Foil Only; -2XX No Shield with Polyester Wrap.
 Note: Reference Diameters are .030" to .040" smaller

All Dimensions in Inches Unless Otherwise Noted.

PART NUMBER	PAIRS	COND	A SPAN		B SPAN		Ref Dia
			Inches	(mm)	Inches	(mm)	
159-2832-010	5	10	0.526	(13,36)	0.450	(11,43)	.300
159-2832-014	7	14	0.726	(18,44)	0.650	(16,51)	.330
159-2832-016	8	16	0.826	(20,98)	0.750	(19,05)	.340
159-2832-020	10	20	1.026	(26,06)	0.950	(24,13)	.380
159-2832-026	13	26	1.326	(33,68)	1.250	(31,75)	.410
159-2832-034	17	34	1.726	(43,84)	1.650	(41,91)	.450
159-2832-040	20	40	2.026	(51,46)	1.950	(49,53)	.480
159-2832-050	25	50	2.526	(64,16)	2.450	(62,23)	.520
159-2832-060	30	60	3.026	(76,86)	2.950	(74,93)	.560
159-2832-064	32	64	3.226	(81,94)	3.150	(80,01)	.570
159-2832-068	34	68	3.426	(87,02)	3.350	(85,09)	.580

DRAWN	PROD ENG	QA	MKT	P/ECN#	DRAWING NO. 159-2832-0XX	AMPHENOL SPECTRA-STRIP Rev L SHEET 1 of 1
FITS 2/21/01					TITLE: Round Twist 'N' Flat® Cable	