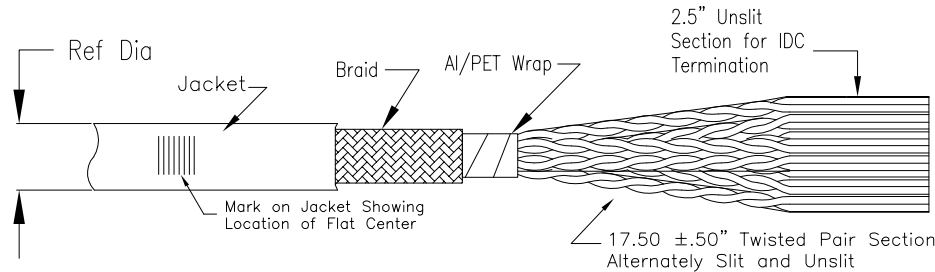
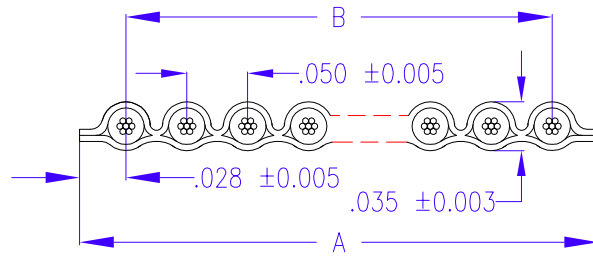


Cross Section at Flat



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 Range: -40°C to 105°C

ELECTRICAL

- Impedance: 70 ohms<sup>1</sup> 100 ohms Nom<sup>2</sup>
- Capacitance: 25 pF/ft<sup>1</sup> 17 pF/ft Nom<sup>2</sup> 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<sup>10</sup> ohms - 10 ft minimum
- Approvals: UL Listed Type CL2  
CSA AWM FT-1

<sup>1</sup> Above values measured ground-signal, with shield also grounded  
<sup>2</sup> Above values measured differentially. One pair Driven with Shield and Other Pairs Floating

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

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

All Dimensions in Inches Unless Otherwise Noted.

REVISION	CHANGES	ECO	DATE
0	ADD LOW TEMP RANGE	8099	1/23/15
N	ADD DIFFERENTIAL IMPEDANCE	H7090	2/17/10

<b>DRAWN BY</b>	<b>REVIEWED</b>	<b>APPROVED</b>	<b>DOCUMENT NO.</b> 159-2832-0XX	<b>AMPHENOL SPECTRA-STRIP</b> 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	<b>Rev O</b>
FTTS 2/21/01			<b>TITLE:</b> Round Twist 'N' Flat® Cable		