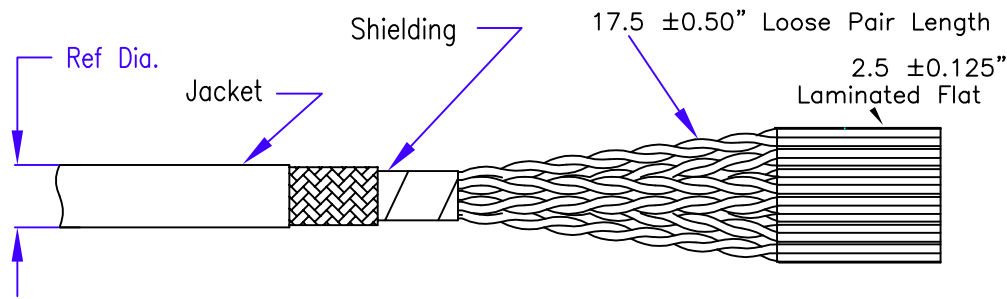
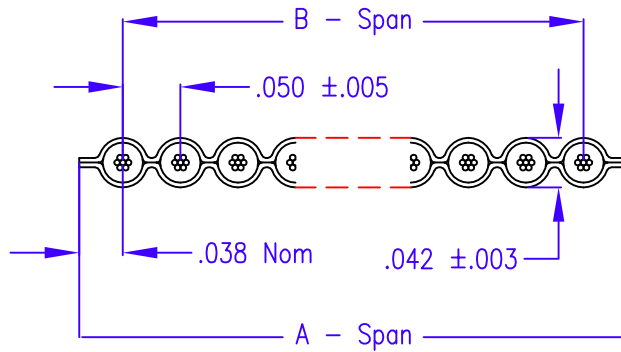


Cross Section at Flat



PHYSICAL

- Conductors: 28 AWG 7/36 Tinned Copper
- Insulation: .010" SR-PVC
- Color Code: Tan Common, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black and Repeat
- Laminate: .005" Clear PVC
- Shielding: .001" Alum/Poly Tape w/ 85% min Coverage Tinned Copper Braid
- Jacket: .030" PVC
- Temperature Rating: 80°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>
- Propagation Delay: 1.7 ns/ft Nom
- Current Rating: 1.3 A
- DC Resistance: 106 ohm per 1,000 ft
- Insulation Res: 10<sup>10</sup> ohms - 10 ft MIN

<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

APPROVALS AND VOLTAGE RATING:

UL CL2 150V  
CSA AWM FT-1 300V

Part Number	Count	Pairs	A Span	B Span (Nom)	Ref Dia
169-2832-010	10	5	.526 NOM	.450	.250
169-2832-014	14	7	.726 NOM	.650	.260
169-2832-016	16	8	.826 NOM	.750	.280
169-2832-020	20	10	1.026 NOM	.950	.290
169-2832-026	26	13	1.326 NOM	1.250	.310
169-2832-034	34	17	1.726 NOM	1.650	.360
169-2832-036	36	18	1.826 NOM	1.750	.380
169-2832-040	40	20	2.026 NOM	1.950	.390
169-2832-050	50	25	2.526 NOM	2.450	.430
169-2832-060	60	30	3.026 NOM	2.950	.470
169-2832-064	64	32	3.226 NOM	3.150	.480
169-2832-068	68	34	3.426 NOM	3.350	.490

REVISION	CHANGES	ECO	DATE
J	ADD TWIST LENGTH AND FLAT TOLERANCES	7688	5/24/13
I	ADD 300V CSA AND SPECIFY UL AT 150V	7613	1/2/13

<b>DRAWN BY</b> FITTS 5/18/00	<b>REVIEWED</b>	<b>APPROVED</b>
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**DOCUMENT NO.** 169-2832-0XX  
**TITLE:** Loose Pair Round Jacketed Twist'N'Flat® Cable

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

**Rev J**  
**SHEET 1 OF 1**