



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



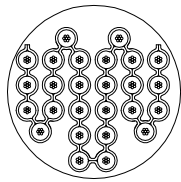
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

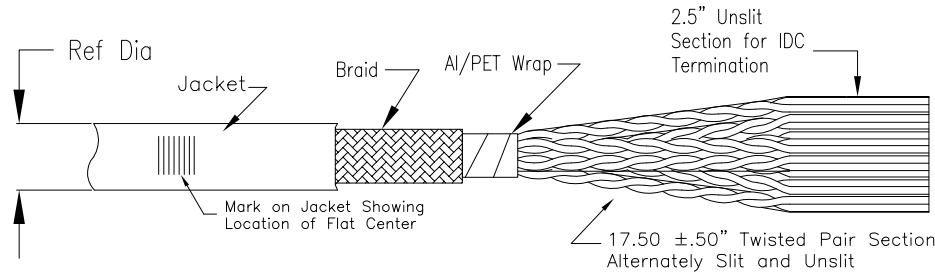
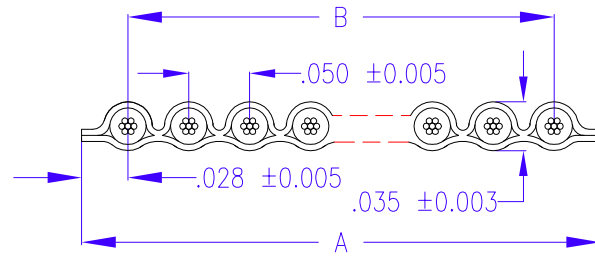
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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 ohms¹ 100 ohms Nom²
- Capacitance: 25 pF/ft¹ 17 pF/ft Nom² 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: 10¹⁰ ohms - 10 ft minimum
- Approvals: UL Listed Type CL2
CSA AWM FT-1

¹ Above values measured ground-signal, with shield also grounded
² 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

DRAWN BY	REVIEWED	APPROVED	DOCUMENT NO. 159-2832-0XX	AMPHENOL SPECTRA-STRIP		Rev O
FITTS 2/21/01	DC Digitally signed by: DC DN: CN = DC C = US Date: 2015.02.04 14:29:09 -05'00'	AME Digitally signed by: AME DN: CN = AME C = US O = Spectra-Strip OU = Amphenol Date: 2015.02.02 13:36:23 -05'00'	TITLE: Round Twist 'N' Flat® Cable	720 SHERMAN AVENUE HAMDEN CT 06514		TEL (203) 281-3200 FAX (203) 281-5872
				SHEET		1 OF 1