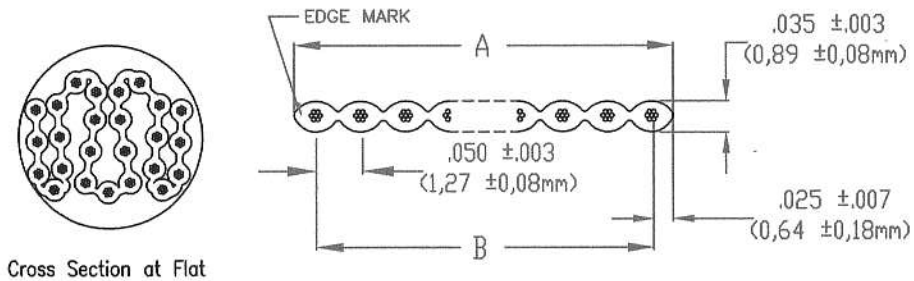
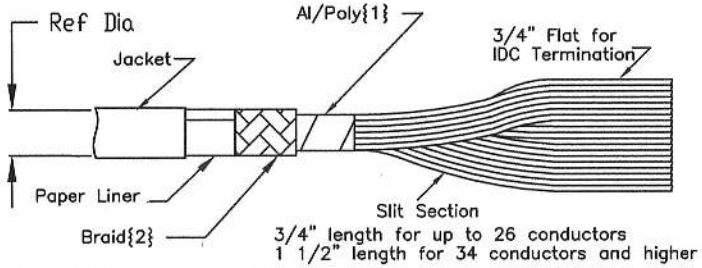


Cross Section at Flat



PHYSICAL

CONDUCTORS:	28 AWG 7/36 Tinned Copper
INSULATION:	.010" Gray PVC with Red Edge
SHIELD{1}:	.001" Aluminum /Polyester Tape (SPIRAL WRAP)
SHIELD{2}:	85% Minimum coverage Tinned Copper Braid
JACKET:	.030" Black PVC
TEMP. RATING:	−20°C TO 105°C

Part Number	Count	A Span, Inches(mm)	B Span, Inches(mm)	Ref Dia
159-2890-009	9	.450(11,43) Nom	.400 ±0.007(10,16±0,18)	.270
159-2890-010	10	.500(12,70) Nom	.450 ±0.007(11,43±0,18)	.270
159-2890-014	14	.700(17,78) Nom	.650 ±0.007(16,51±0,18)	.290
159-2890-015	15	.750(19,05) Nom	.700 ±0.011(17,78±0,28)	.300
159-2890-016	16	.800(20,32) Nom	.750 ±0.011(19,05±0,28)	.310
159-2890-020	20	1.000(25,40) Nom	.950 ±0.011(24,13±0,28)	.330
159-2890-024	24	1.200(30,48) Nom	1.150 ±0.011(29,21±0,28)	.350
159-2890-025	25	1.250(31,75) Nom	1.200 ±0.011(30,48±0,28)	.360
159-2890-026	26	1.300(33,02) Nom	1.250 ±0.011(31,75±0,28)	.360
159-2890-034	34	1.700(43,18) Nom	1.650 ±0.011(41,91±0,28)	.400
159-2890-036	36	1.800(45,72) Nom	1.750 ±0.015(44,45±0,38)	.410
159-2890-037	37	1.850(46,99) Nom	1.800 ±0.015(45,72±0,38)	.410
159-2890-040	40	2.000(50,80) Nom	1.950 ±0.015(49,53±0,38)	.430
159-2890-050	50	2.500(63,50) Nom	2.450 ±0.015(62,23±0,38)	.480
159-2890-060	60	3.000(76,20) Nom	2.950 ±0.015(74,93±0,38)	.520
159-2890-064	64	3.200(81,28) Nom	3.150 ±0.015(80,01±0,38)	.530

ELECTRICAL

IMPEDANCE:	75 Ohms
CAPACITANCE:	24 pF/ft @1MHz NOM
CURRENT RATING:	1.3 A @ 10°C Rise Above Ambient
VOLTAGE RATING:	300 V
INSULATION RES:	10^{10} Ohms per 10 ft minimum
APPROVALS:	UL Listed Type CL2 CSA Certified AWM FT−1

Above Values Calculated in the Ground-Signal-Ground with Shield also Grounded.

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.

DRAWN	Issue/EDCN				
JAC 25/10/04	01 Orig.				

DRAWING NO. 159-2890-0XX

TITLE: Round 'N' Flat Shielded and Jacketed Cable

Amphenol Spectra-Strip Ltd
Romsey Industrial Estate
Romsey, Hampshire, England
SO51 0HR
Tel: (0)1794 517575
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Iss 01

Sheet 1 of 1