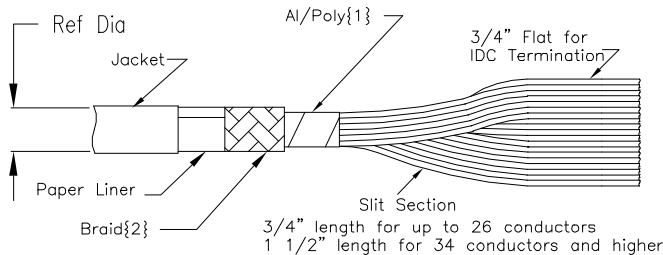


Cross Section at Flat



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

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<sup>10</sup> 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.

| Part Number  | Count | A Span, Inches(mm) | B Span, Inches(mm)       | Ref Dia |
|--------------|-------|--------------------|--------------------------|---------|
| 159-2801-009 | 9     | .450(11,43) Nom    | .400 ±0.007(10,16±0,18)  | .270    |
| 159-2801-010 | 10    | .500(12,70) Nom    | .450 ±0.007(11,43±0,18)  | .270    |
| 159-2801-014 | 14    | .700(17,78) Nom    | .650 ±0.007(16,51±0,18)  | .290    |
| 159-2801-015 | 15    | .750(19,05) Nom    | .700 ±0.011(17,78±0,28)  | .300    |
| 159-2801-016 | 16    | .800(20,32) Nom    | .750 ±0.011(19,05±0,28)  | .310    |
| 159-2801-020 | 20    | 1.000(25,40) Nom   | .950 ±0.011(24,13±0,28)  | .330    |
| 159-2801-024 | 24    | 1.200(30,48) Nom   | 1.150 ±0.011(29,21±0,28) | .350    |
| 159-2801-025 | 25    | 1.250(31,75) Nom   | 1.200 ±0.011(30,48±0,28) | .360    |
| 159-2801-026 | 26    | 1.300(33,02) Nom   | 1.250 ±0.011(31,75±0,28) | .360    |
| 159-2801-034 | 34    | 1.700(43,18) Nom   | 1.650 ±0.011(41,91±0,28) | .400    |
| 159-2801-036 | 36    | 1.800(45,72) Nom   | 1.750 ±0.015(44,45±0,38) | .410    |
| 159-2801-037 | 37    | 1.850(46,99) Nom   | 1.800 ±0.015(45,72±0,38) | .410    |
| 159-2801-040 | 40    | 2.000(50,80) Nom   | 1.950 ±0.015(49,53±0,38) | .430    |
| 159-2801-050 | 50    | 2.500(63,50) Nom   | 2.450 ±0.015(62,23±0,38) | .480    |
| 159-2801-060 | 60    | 3.000(76,20) Nom   | 2.950 ±0.015(74,93±0,38) | .520    |
| 159-2801-064 | 64    | 3.200(81,28) Nom   | 3.150 ±0.015(80,01±0,38) | .530    |

|  |          |    |     |        |                          |   |       |
|--|----------|----|-----|--------|--------------------------|---|-------|
| DRAWN  | PROD ENG | QA | MKT | P/ECN# | DRAWING NO. 159-2801-0XX | <b>Amphenol SPECTRA-STRIP Cable Operations</b><br>720 Sherman Ave Tel (203) 281-3200<br>Hamden CT. 06514 Fax (203) 281-5872 | Rev K |
| TITLE: Round 'N' Flat® Shielded and Jacketed Cable |          |    |     |        | Sheet 1 of 1             |   |       |