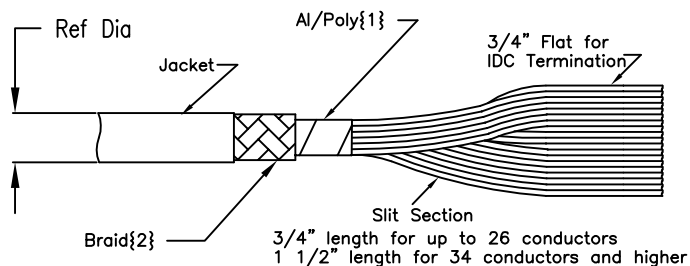


Cross Section at Flat



| 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 |

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: -40°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: 10¹⁰ 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.

| REVISION | CHANGES | ECO | DATE |
|----------|---|------|---------|
| M | UPDATE TEMP RATING TO FULL CAPABILITY | 7888 | 3/28/14 |
| L | ADD -40C LOW TEMP. AND REMOVE PAPER LINER | 7681 | 5/16/13 |

| | | | | | |
|------------------------------|----------|----------|--|--|---------------------------------|
| DRAWN BY FITTS 2/20/01 | REVIEWED | APPROVED | DOCUMENT NO. 159-2801-0XX | AMPHENOL SPECTRA-STRIP 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872 | Rev M SHEET 1 OF 1 |
| | | | TITLE: Round 'N' Flat® Shielded and Jacketed Cable | | |