



## PHYSICAL

Conductors: 28 AWG 7/36 Tinned Copper  
 Insulation: .010" PVC  
 Laminate: (2) .005" Clear PVC  
 Color Code: Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black and Repeat.

Temperature Range:  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

## ELECTRICAL

Impedance: 105 ohms  
 Capacitance: 13 pF/ft at 1MHz  
 Prop Delay: 1.5 ns/ft  
 Current Rating: 1.3 A at  $10^{\circ}\text{C}$  Rise Above Ambient  
 Voltage Rating: 300 V  
 Insulation Res:  $10^{10}$  ohms – 10 ft minimum

Above Values calculated in the ground–signal Configuration

## APPROVALS:

UL AWM Style 2697

| PART NUMBER  | COND | A SPAN |         | B SPAN           |                     |
|--------------|------|--------|---------|------------------|---------------------|
|              |      | Inches | (mm)    | Inches           | (mm)                |
| 135–2801–010 | 10   | 0.505  | (12,83) | 0.450 $\pm .015$ | (11,43 $\pm 0,38$ ) |
| 135–2801–014 | 14   | 0.705  | (17,91) | 0.650 $\pm .015$ | (16,51 $\pm 0,38$ ) |
| 135–2801–016 | 16   | 0.805  | (20,45) | 0.750 $\pm .015$ | (19,05 $\pm 0,38$ ) |
| 135–2801–020 | 20   | 1.005  | (25,53) | 0.950 $\pm .015$ | (24,13 $\pm 0,38$ ) |
| 135–2801–024 | 24   | 1.205  | (30,61) | 1.150 $\pm .015$ | (29,21 $\pm 0,38$ ) |
| 135–2801–025 | 25   | 1.255  | (31,88) | 1.200 $\pm .025$ | (30,48 $\pm 0,38$ ) |
| 135–2801–026 | 26   | 1.305  | (33,15) | 1.250 $\pm .015$ | (31,75 $\pm 0,38$ ) |
| 135–2801–034 | 34   | 1.705  | (43,31) | 1.650 $\pm .015$ | (41,91 $\pm 0,38$ ) |
| 135–2801–036 | 36   | 1.805  | (45,85) | 1.750 $\pm .015$ | (44,45 $\pm 0,38$ ) |
| 135–2801–037 | 37   | 1.855  | (47,12) | 1.800 $\pm .015$ | (45,72 $\pm 0,38$ ) |
| 135–2801–040 | 40   | 2.005  | (50,93) | 1.950 $\pm .020$ | (49,53 $\pm 0,51$ ) |
| 135–2801–050 | 50   | 2.505  | (63,63) | 2.450 $\pm .020$ | (62,23 $\pm 0,51$ ) |
| 135–2801–060 | 60   | 3.005  | (76,33) | 2.950 $\pm .020$ | (74,93 $\pm 0,51$ ) |
| 135–2801–064 | 64   | 3.205  | (81,41) | 3.150 $\pm .020$ | (80,01 $\pm 0,51$ ) |

| REVISION | CHANGES                                      | ECO  | DATE    |
|----------|----------------------------------------------|------|---------|
| D        | ADD LOW TEMP RANGE                           | 8121 | 2/23/15 |
| C        | REMOVED CSA , CABLE P/N NOT PRINTED WITH CSA | 797  | 9/10/04 |

| DRAWN BY        | REVIEWED | APPROVED | DOCUMENT NO. | AMPHENOL SPECTRA-STRIP                   |  | Rev D           |
|-----------------|----------|----------|--------------|------------------------------------------|--|-----------------|
| FITS<br>9/10/04 |          |          | 135–2801–0XX | 720 SHERMAN AVENUE<br>HAMDEN CT 06514    |  | SHEET<br>1 OF 1 |
|                 |          |          | TITLE:       | .050" 3C Color Coded<br>Planar Cable     |  |                 |
|                 |          |          |              | TEL (203) 281–3200<br>FAX (203) 281–5872 |  |                 |