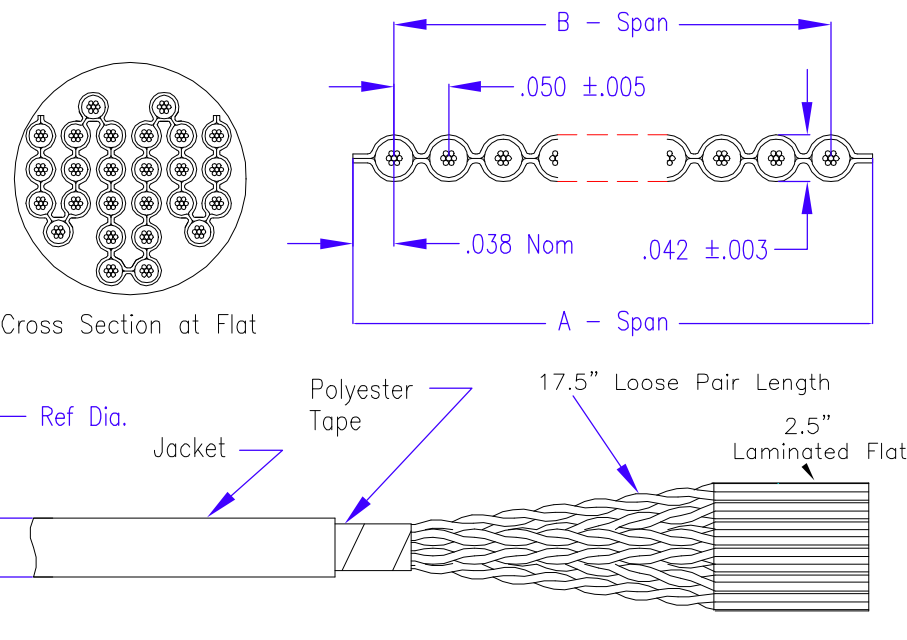




# PHYSICAL

Conductors: 28 AWG 7/36 Tinned Copper  
 Insulation: .010" SR-PVC  
 Color Code: Tan Common, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black and Repeat  
 Laminate: .005" Clear PVC  
 Wrap: .001" Polyester Tape  
 Jacket: .030" PVC  
 Temperature Rating: -20°C to +105°C

# ELECTRICAL

Impedance: 115 ohms  
 Capacitance: 14 pF/ft  
 Propagation Delay: 1.65 ns/ft Nom  
 Cross Talk: Unbalanced: 10 ft sample, 5 ns Risetime, 2 Lines Driven -  
 Near End: 4.0%, Far End: 1.6%  
 Voltage Rating: 300 V  
 Current Rating: 1.3 A  
 Insulation Res: 10<sup>10</sup> ohms - 10 ft MIN

Above values measured ground-signal

# APPROVALS:

UL CL2  
 CSA AWM FT-1

| Part Number  | Count | Pairs | A Span    | B Span (Nom) | Ref Dia |
|--------------|-------|-------|-----------|--------------|---------|
| 169-2832-210 | 10    | 5     | .526 NOM  | .450         | .220    |
| 169-2832-214 | 14    | 7     | .726 NOM  | .650         | .230    |
| 169-2832-216 | 16    | 8     | .826 NOM  | .750         | .250    |
| 169-2832-220 | 20    | 10    | 1.026 NOM | .950         | .260    |
| 169-2832-226 | 26    | 13    | 1.326 NOM | 1.250        | .280    |
| 169-2832-234 | 34    | 17    | 1.726 NOM | 1.650        | .330    |
| 169-2832-236 | 36    | 18    | 1.826 NOM | 1.750        | .350    |
| 169-2832-240 | 40    | 20    | 2.026 NOM | 1.950        | .360    |
| 169-2832-250 | 50    | 25    | 2.526 NOM | 2.450        | .400    |
| 169-2832-260 | 60    | 30    | 3.026 NOM | 2.950        | .440    |
| 169-2832-264 | 64    | 32    | 3.226 NOM | 3.150        | .450    |
| 169-2832-268 | 68    | 34    | 3.426 NOM | 3.350        | .460    |

|                 |          |    |     |        |                                  |                                                                                                           |              |
|-----------------|----------|----|-----|--------|----------------------------------|-----------------------------------------------------------------------------------------------------------|--------------|
| DRAWN           | PROD ENG | QA | MKT | P/ECN# | DRAWING NO. 169-2832-2XX         | <b>AMPHENOL SPECTRA-STRIP</b><br>720 SHERMAN AVE TEL (203) 281-3200<br>HAMDEN CT 06514 FAX (203) 281-5872 | Rev H        |
| FITS<br>11/6/02 |          |    |     |        | TITLE: Loose Pair Round Jacketed |                                                                                                           | SHEET 1 of 1 |
|                 |          |    |     |        | Twist'N'Flat® Cable              |                                                                                                           |              |