



**PHYSICAL**

Conductors: 30 AWG 7/38 Tinned Copper  
 Insulation: .006" PVC  
 Color Code: 1st Pair Red/Gray followed by Blue/Gray and repeat  
 Laminate: Polyester  
 Temperature Rating: 80°C

**ELECTRICAL**

Impedance: 80 ohms<sup>1</sup> 110 ohms<sup>2</sup>  
 Capacitance: 20.3 pF/ft<sup>1</sup> 15.9 pF/ft<sup>2</sup>  
 Propagation Delay: 1.59 ns/ft  
 Voltage Rating: 150 volts  
 Current Rating: 0.75 amp  
 DC Resistance: 106 ohm per 1,000 ft

<sup>1</sup> Above values measured single-ended, with one conductor of each pair commoned to one Buss(SCSI mode).

<sup>2</sup> Above values measured differentially.

Approvals: UL AWM Style 20744  
 CSA AWM

Print Legend: **Amphenol SPECTRA-STRIP**

UL<sup>®</sup> AWM 80C LL31941 CSA AWM I A80C 150V FT-1  
 <Date Code> Spectra-Green Lead Free/PBB Free

Alternative Twist Lengths Available, Consult Factory for Ordering Information.

All Dimensions in Inches, Unless Otherwise Noted

| Part Number  | Count | Pairs | A Span       | B Span       |
|--------------|-------|-------|--------------|--------------|
| 125-3007-010 | 10    | 5     | .251 ±0.012  | .225 ±0.010  |
| 125-3007-014 | 14    | 7     | .351 ±0.012  | .325 ±0.010  |
| 125-3007-016 | 16    | 8     | .401 ±0.012  | .375 ±0.010  |
| 125-3007-020 | 20    | 10    | .501 ±0.012  | .475 ±0.010  |
| 125-3007-026 | 26    | 13    | .651 ±0.012  | .625 ±0.010  |
| 125-3007-034 | 34    | 17    | .851 ±0.012  | .825 ±0.010  |
| 125-3007-036 | 36    | 18    | .901 ±0.012  | .875 ±0.010  |
| 125-3007-040 | 40    | 20    | 1.001 ±0.012 | .975 ±0.010  |
| 125-3007-050 | 50    | 25    | 1.251 ±0.012 | 1.225 ±0.010 |
| 125-3007-060 | 60    | 30    | 1.501 ±0.012 | 1.475 ±0.010 |
| 125-3007-064 | 64    | 32    | 1.601 ±0.012 | 1.575 ±0.010 |
| 125-3007-068 | 68    | 34    | 1.701 ±0.012 | 1.675 ±0.010 |
| 125-3007-080 | 80    | 40    | 2.001 ±0.012 | 1.975 ±0.010 |
| 125-3007-100 | 100   | 50    | 2.501 ±0.012 | 2.475 ±0.010 |

|         |          |    |     |        |                              |   |        |
|---------|----------|----|-----|--------|------------------------------|---|--------|
| DRAWN   | PROD ENG | QA | MKT | P/ECN# | DRAWING NO.                  | <b>AMPHENOL SPECTRA-STRIP</b><br>720 SHERMAN AVE TEL (203) 281-3200<br>HAMDEN CT 06514 FAX (203) 281-5872 | Rev D  |
| 1/07/98 | 8/4/04   |    |     | 781    | TITLE: .025" Twist 'N' Flat  |   | SHEET  |
|         |          |    |     |        | Full Lamination, 30 AWG 7/38 |   | 1 of 1 |