



ELECTRICAL

IMPEDANCE: 100Ω ± 5% (DIFFERENTIAL TDR)  
 CAPACITANCE: 42 pF / M NOM  
 PROP DELAY: 4.25 ns / M NOM

SKEW

WITHIN PAIR\*: ≤ 50 ps / 5 M  
 PAIR/PAIR\*: ≤ 200 ps / 5 M

\* TDT METHOD, SHIELD(S) GROUNDED  
 DIFFERENTIAL 50%-50%

ATTENUATION (ESTIMATED NOMINAL):

- 1.21 dB / M @ 1.50 GHz (1.13 dB TYP)
- 1.83 dB / M @ 3.00 GHz (1.70 dB TYP)
- 2.40 dB / M @ 4.50 GHz (2.21 dB TYP)
- 2.95 dB / M @ 6.00 GHz (2.68 dB TYP)
- 3.55 dB / M @ 7.50 GHz (3.20 dB TYP)
- 4.00 dB / M @ 8.50 GHz (3.57 dB TYP)

REVISIONS

REV.	DESCRIPTION	ECN	DATE
5	REMOVE TINT		
A	CHANGE DRAIN DIRECTION	8751	05/15/2018

PHYSICAL

(4) SHIELDED PARALLEL PAIRS  
 26 AWG SOLID SILVER PLATED COPPER  
 Ø 1.12 NOM FOAM POLYOLEFIN, NATURAL  
 PARALLEL PAIR WITH DRAIN: 29 AWG SOLID TINNED COPPER  
 .025 ALUMINIZED POLYESTER, FOIL IN, NUMBERS IN SEQUENCE  
 NUMBERED 1 THRU 2 ON SIDE OPPOSITE DRAIN, WHITE  
 NUMBERED 3 THRU 4 ON SIDE OPPOSITE DRAIN, YELLOW  
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS TWISTED OVER FILLER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .025 ALUMINIZED POLYESTER, FOIL OUT,  
 20% MIN OVERLAP

OVERALL SHIELD {2}: 36 AWG TINNED COPPER BRAID,  
 85% COVERAGE MIN

JACKET: 0.76 NOM WALL PVC

DIAMETER: Ø 6.94 ± .38

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>\*  
 SKEWCLEAR® 4 PAIR 26 AWG SAS  
 (UL) 75°C CL2 OR ~~AWM~~ AWM STYLE 20276 80°C  
 CSA SWM I/II A 75°C 30V FT4  
 RoHS COMPLIANT <LOT CODE>

\*CHINA PRODUCT ONLY

CONFORMANCE

RoHS COMPLIANT

DRAWN BY GPV 06/25/2002	REVIEWED	APPROVED	DOCUMENT NO. 166-2699-990	<b>AMPHENOL SPECTRA-STRIP®</b> 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev A
			TITLE: (4) SHIELDED PAIRS, 26 AWG, 100 OHM		SHEET 1 OF 1