



ELECTRICAL

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

SKEW

WITHIN PAIR\*: ≤ 60 ps / 6 M  
 PAIR/PAIR\*: ≤ 350 ps / 6 M

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

ATTENUATION (MAXIMUM):

0.75 dB / M @ 0.625 GHz (0.70 dB TYP)  
 1.12 dB / M @ 1.250 GHz (1.02 dB TYP)  
 2.20 dB / M @ 3.750 GHz (1.90 dB TYP)  
 2.70 dB / M @ 5.000 GHz (2.34 dB TYP)

REVISIONS

REV.	DESCRIPTION	ECN	DATE
F	ADD 5 GHz, REMOVE TINT, SEE ECO	7880	03/18/2014
G	CORRECT PRINT LEGEND, ADDED "A"	8003	8/18/2014

PHYSICAL

(24) SHIELDED PARALLEL PAIRS

26 AWG SOLID SILVER PLATED COPPER  
 Ø0.0445 NOM FOAM POLYOLEFIN, NATURAL  
 PARALLEL PAIR WITH DRAIN: 29 AWG SOLID TINNED COPPER  
 .001 ALUMINIZED POLYESTER, FOIL IN,  
 WHITE: NUMBERED 1 THRU 8 ON SIDE OPPOSITE DRAIN  
 YELLOW: NUMBERED 9 THRU 16 ON SIDE OPPOSITE DRAIN  
 BLUE: NUMBERED 17 THRU 24 ON SIDE OPPOSITE DRAIN  
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLED WITH BUFFER AND FILLER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .001 ALUMINIZED POLYESTER, FOIL OUT,  
 20% MIN OVERLAP

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

JACKET: 0.040 NOM WALL PVC, BLACK

DIAMETER: Ø0.535 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>\*  
 SKEWCLEAR® 24 PAIR 26 AWG  
 (UL) 75°C CL2 CSA AWM I/II A 75°C 300V FT4  
 RoHS COMPLIANT <LOT CODE>

\*CHINA PRODUCT ONLY

CONFORMANCE

RoHS COMPLIANT  
 UL CL2 CSA FT4 75°C

DRAWN BY GPV 01/28/2002	REVIEWED	APPROVED	DOCUMENT NO. 166-2699-992	<b>AMPHENOL SPECTRA-STRIP®</b> 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev G
			TITLE: (24)SHIELDED PAIRS 26 AWG, 100 OHM		SHEET 1 OF 1