



REVISIONS			
REV.	DESCRIPTION	ECN	DATE
D	REMOVE TINT	7346	04/01/2011
E	ADD NOTE FOR CHINA	7413	08/25/2011
F	ADD S WRAP, SCD21 SPEC, ATTENUATION MAXIMUMS	7741	08/12/2013

ELECTRICAL

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

SKEW
 WITHIN PAIR*: ≤ 100 ps / 5 M

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

ATTENUATION (MAXIMUM):

- 1.00 dB / M @ 0.625 GHz (0.87 dB TYP)
- 1.45 dB / M @ 1.250 GHz (1.25 dB TYP)
- 1.60 dB / M @ 1.562 GHz (1.41 dB TYP)
- 2.10 dB / M @ 2.500 GHz (1.81 dB TYP)
- 2.35 dB / M @ 3.125 GHz (2.04 dB TYP)

SCD21: < -24 dB, 5M SAMPLE

SHIELD ISOLATION: OVERALL SHIELDS ISOLATED FROM PAIR SHIELDS

NEAR END CROSSTALK: BETTER THAN -55 dB @ 1.25 GHz (-65 dB TYP)

PHYSICAL

(2) SHIELDED PARALLEL PAIRS
 28 AWG SOLID SILVER PLATED COPPER
 Ø0.0355 NOM FOAM POLYOLEFIN, NATURAL
 PARALLEL PAIR WITH DRAIN: 30 AWG SOLID TINNED COPPER
 .001 ALUMINIZED POLYESTER, FOIL IN,
 ONE PAIR WHITE, PRINTED #1 ON SIDE OPPOSITE DRAIN
 ONE PAIR BLUE, PRINTED #2 ON SIDE OPPOSITE DRAIN
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLE WITH BUFFER

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: 0.035 NOM WALL PVC, BLACK

DIAMETER: Ø0.195 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>*
 SKEWCLEAR® 2 PAIR 28 AWG
 (UL) 75°C CL2 CSA AWM I/II A 75°C 300V FT4
 RoHS COMPLIANT <LOT CODE>

*CHINA PRODUCT ONLY

CONFORMANCE

UL CL2 CSA FT4 75°C -25°C TO 75°C OPERATING, STATIONARY
 RoHS COMPLIANT -10°C TO 50°C INSTALLATION

DRAWN BY GPV 09/18/2000	REVIEWED	APPROVED	DOCUMENT NO. 160-2899-993	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE HAMDEN CT 06514	TEL (203) 281-3200 FAX (203) 281-5872	Rev F
			TITLE: (2) SHIELDED PAIRS, 28 AWG, 100 OHM			SHEET 1 OF 1