



REVISIONS			
REV.	DESCRIPTION	ECN	DATE
A	ADD BUFFER	7719	07/18/2013
B	WHITE PAIR TO BOTTOM, ADD SCD21 SPEC	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)*: ≤ 60 ps / 5 M

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

ATTENUATION (MAXIMUM):

0.64 dB / M @ .6250 GHz (0.57 TYPICAL)
 0.97 dB / M @ 1.250 GHz (0.84 TYPICAL)
 1.45 dB / M @ 2.500 GHz (1.24 TYPICAL)
 2.30 dB / M @ 5.000 GHz (1.96 TYPICAL)

SCD21: < -24 dB, 5M SAMPLE

PHYSICAL

(2) SHIELDED PARALLEL PAIRS
 24 AWG SOLID SILVER PLATED COPPER
 Ø0.056 NOM FOAM POLYOLEFIN, NATURAL
 PARALLEL PAIR WITH DRAIN
 27 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: TWIST TO ROUND

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

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

JACKET: 0.030 NOM WALL PVC, BLACK

DIAMETER: Ø0.235 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP SKEWCLEAR® 2 PAIR 24 AWG
 (UL) 75°C CL2 CSA AWM I/II A 75°C 300V FT4
 RoHS COMPLIANT <DATE CODE>

CONFORMANCE

UL CL2 CSA FT4 75°C
 RoHS COMPLIANT

DRAWN BY GPV 10/15/2004	REVIEWED	APPROVED	DOCUMENT NO. 160-2499-983	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE HAMDEN CT 06514 TEL (203) 281-3200 FAX (203) 281-5872	Rev B
			TITLE: (2) SHIELDED PAIRS, 24 AWG, 100 OHM		SHEET 1 OF 1