



REVISIONS			
REV.	DESCRIPTION	ECN	DATE
A	ADD BUFFER	7719	07/19/2013
B	ADD SCD21 SPEC, 5M SAMPLE ATTENUATION	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)*: ≤ 50 ps / 5 M

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

ATTENUATION (MAXIMUM):

- 0.78 dB / M @ 0.625 GHz (0.73 TYPICAL)
- 1.13 dB / M @ 1.125 GHz (1.06 TYPICAL)
- 1.67 dB / M @ 2.500 GHz (1.53 TYPICAL)
- 2.63 dB / M @ 5.000 GHz (2.37 TYPICAL)
- 3.60 dB / M @ 7.500 GHz (3.20 TYPICAL)
- 4.22 dB / M @ 9.000 GHz (3.76 TYPICAL)

SCD21: < -24 dB, 5M SAMPLE

PHYSICAL

(2) SHIELDED PARALLEL PAIRS
 26 AWG SOLID SILVER PLATED COPPER
 Ø0.045 NOM FOAM POLYOLEFIN, NATURAL
 PARALLEL PAIR WITH DRAIN: 29 AWG SOLID TINNED COPPER
 0.001 ALUMINIZED POLYESTER, FOIL IN,
 ONE PAIR WHITE, PRINTED #1 ON DRAIN SIDE
 ONE PAIR BLUE, PRINTED #2 ON DRAIN SIDE

CABLING: PAIRS CABLED WITH BUFFER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .001 ALUMINIZED POLYESTER, FOIL OUT,
 20% MIN OVERLAP(.130 REF DIAMETER)

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

JACKET: 0.035 NOM WALL PVC, BLACK

DIAMETER: Ø0.220 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP SKEWCLEAR® 2 PAIR 26 AWG
 (UL) 75°C CL2 CSA AWM I/II A 75°C 300V FT4
 RoHS COMPLIANT <LOT CODE>

CONFORMANCE

RoHS COMPLIANT
 UL CL2 CSA FT4 75°C

DRAWN BY MSW 9/17/2012	REVIEWED	APPROVED	DOCUMENT NO. 160-2699-997	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev B
			TITLE: (2) SHIELDED PAIRS, 26 AWG, 100 OHM		SHEET 1 OF 1