



CONFIDENTIAL

ELECTRICAL

IMPEDANCE: $100 \pm 5 \Omega$ (DIFFERENTIAL TDR)
 CAPACITANCE: 42 pF / M NOMINAL
 PROP DELAY: 4.25 ns / M NOMINAL
 SKEW (WITHIN PAIR): ≤ 100 ps / 6 M (TDT METHOD, DRAIN GROUNDED)
 (DIFFERENTIAL 50%–50%, TEKTRONIX TDS–8000 OR 11801)
 ATTENUATION (MAXIMUM): 0.75 dB / M @ 625 MHz (0.70 dB TYPICAL)
 1.12 dB / M @ 1250 MHz (1.02 dB TYPICAL)
 2.20 dB / M @ 3750 MHz (1.90 dB TYPICAL)
 SHIELD ISOLATION: OVERALL SHIELDS ISOLATED FROM PAIR SHIELDS
 NEAR END CROSSTALK: BETTER THAN –55 dB @ 1.25 GHz, ONE AGGRESSOR (–65 dB TYPICAL)

CONFORMANCE: RoHS COMPLIANT
 UL CL2 CSA FT4 75° C

PHYSICAL

(2) SHIELDED PARALLEL PAIRS
 26 AWG SOLID SILVER PLATED COPPER
 .0445 NOM DIAMETER FOAM POLYOLEFIN, ONE WHITE, OTHER RED TINT
 PARALLEL PAIR WITH DRAIN: 29 AWG SOLID TINNED COPPER
 .001 ALUMINIZED POLYESTER, FOIL IN, 20% MIN OVERLAP,
 ONE PAIR WHITE, PRINTED #1 ON DRAIN SIDE
 ONE PAIR BLUE, PRINTED #2 ON DRAIN SIDE
 CLEAR POLYESTER, HEAT SEALED
 CABLING: TWISTED TO ROUND, FILLER AND BINDER AS REQUIRED
 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% MIN COVERAGE
 JACKET: .035 NOM WALL PVC, BLACK
 DIAMETER: .220 \pm .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 160–2699–997 REV 3 <DATE CODE>

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

REVISION	CHANGES
1	MAJOR REVISION
2	SKEW LENGTH, LEGEND, NEXT, REF OD
3	TINT, DRAIN, RoHS, ATTENUATION

DRAWN BY GPV 11-26-01	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 160–2699–997	AMPHENOL SPECTRA-STRIP 720 SHERMAN AVENUE TEL (203) 281–3200 HAMDEN CT 06514 FAX (203) 281–5872	Rev 3 SHEET 1 of 1
					TITLE: (2) SHIELDED PAIRS, 100 OHM, 26 AWG		
					RoHS SKEWCLEAR®		