



CONFIDENTIAL

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 ± .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>

ELECTRICAL

IMPEDANCE: 100 ± 5 Ω (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

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

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

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

Authorized Distributor

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