



PHYSICAL

(2) SHIELDED PARALLEL PAIRS

24 AWG SOLID SILVER PLATED COPPER

.094 NOM DIAMETER FOAM POLYOLEFIN, WHITE

PARALLEL PAIR

.001 ALUMINIZED POLYESTER, SPIRAL, FOIL OUT, 20% MIN OVERLAP,  
HEAT SEALED, "1" PRINTED ON ONE PAIR, "2" PRINTED ON OTHER

CABLING: TWISTED TO ROUND, FILLER AS REQUIRED

OVERALL SHIELD {1}: .002 ALUM-POLYESTER-ALUM, SPIRAL, 20% MIN OVERLAP

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

JACKET: .025 NOM WALL PVC, BLACK

DIAMETER: .320 ± .015

PRINT LEGEND: AMPHENOL SPECTRA-STRIP SKEWCLEAR® 24 AWG FIBRE CHANNEL 2X  
2 PAIR (UL) 75° C CL2 CSA AWM I/II A 75° C 300V FT4

ELECTRICAL

IMPEDANCE: 150 ± 7 Ω (DIFFERENTIAL TDR)

CAPACITANCE: 28 pF / M NOMINAL

PROP DELAY: 4.25 ns / M NOMINAL

SKEW (WITHIN PAIR): ≤ 125 ps / 17.5 M (REF ≤ 7.14 ps / M)

(TDT METHOD PER QAP 6-14, PAIR SHIELD GROUNDED)

(DIFFERENTIAL 50%-50%, TEKTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

CROSSTALK: BETTER THAN -45 dB @ 1 GHz (0.6 % VOLTAGE, REF)

ATTENUATION (NOMINAL): 0.31 dB / M @ 531.25 MHz (1.0625 Gb)

USING 150 Ω ADAPTERS 0.46 dB / M @ 1062.5 MHz (2.125 Gb)

0.50 dB / M @ 1250 MHz (2.500 Gb)

0.57 dB / M @ 1562.5 MHz (3.125 Gb)

APPROVALS

UL / CSA: UL CL2 CSA FT4 75° C

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

REVISION	CHANGES
A	RELEASE
B	SKEW TEST METHOD
C	IMPEDANCE, SKEW
D	PRINT LEGEND

DRAWN BY GPV 12-16-98	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 160-2499-998	AMPHENOL <b>SPECTRA-STRIP</b> OPERATIONS 720 Sherman Ave Tel (203) 281-3200 Hamden CT. 06514 Fax (203) 281-5872	Rev D
					TITLE: (2) SHIELDED PAIRS, 150 OHM, 24 AWG		Sheet
					SKEWCLEAR®		1 of 1