



ELECTRICAL

IMPEDANCE: 100Ω ± 5% (DIFFERENTIAL TDR)
 CAPACITANCE: 42 pF / M NOM
 PROP DELAY: 4.25 ns / M NOM

SKEW

WITHIN PAIR*: ≤ 55 ps / 5 M
 PAIR/PAIR*: ≤ 250 ps / 5 M

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

ATTENUATION (MAXIMUM):

0.93 dB / M @ 0.625 GHz (0.87 dB TYP)
 1.38 dB / M @ 1.250 GHz (1.26 dB TYP)
 2.65 dB / M @ 3.750 GHz (2.27 dB TYP)
 3.79 dB / M @ 6.000 GHz (3.26 dB TYP)

SHIELD ISOLATION:

OVERALL SHIELDS ISOLATED FROM PAIR SHIELDS

SCD21 : <-24 dB TO 6 GHz, 5M SAMPLE

REVISIONS

REV.	DESCRIPTION	ECN	DATE
F	CHANGE PRINT LEGEND, UL AWM	7686	5/24/2013
G	ADD BUFFER	7696	5/31/2013
H	ADD SCD21 SPEC	7870	3/12/2014

PHYSICAL

(8) SHIELDED PARALLEL PAIRS
 28 AWG SOLID SILVER PLATED COPPER
 Ø0.0355 NOM FOAM POLYOLEFIN, NATURAL
 PARALLEL PAIR WITH DRAIN:
 30 AWG SOLID TINNED COPPER
 .001 ALUMINIZED POLYESTER, FOIL IN, YELLOW
 PAIRS 1 THRU 8 PRINTED 1 THRU 8 ON DRAIN SIDE
 (PAIR NUMBERING .170 MAX CENTER TO CENTER)
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLED WITH BUFFER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .001 ALUMINIZED POLYESTER, FOIL OUT,
 20% MIN OVERLAP (.205 REF DIAMETER)

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

JACKET: 0.035 NOM WALL PVC, BLACK

DIAMETER: Ø0.300 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>*
 SKEWCLEAR® 8 PAIR 28 AWG
 (UL) 75°C CL2 OR ~~UL~~ AWM STYLE 20276 80°C
 CSA AWM I/II A 75°C 300V FT4
 RoHS COMPLIANT <LOT CODE>

*CHINA PRODUCT ONLY

CONFORMANCE

RoHS COMPLIANT, COMPLIANT PER HP GSE A-5951-1745-1
 UL CL2 CSA FT4 75°C, ~~UL~~ AWM 80°C, -40°C TO 80°C

DRAWN BY GPV 05/02/2005	REVIEWED	APPROVED	DOCUMENT NO. 166-2899-959	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev H
			TITLE: (8) SHIELDED PAIRS, 28 AWG, 100 OHM		SHEET 1 OF 1