



ELECTRICAL

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

SKEW

WITHIN PAIR*: ≤ 50 ps / 7.5 M
 PAIR/PAIR*: ≤ 200 ps / 7.5 M

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

ATTENUATION (MAXIMUM):

1.32 dB / M @ 1.25 GHz (1.23 dB TYP)
 2.00 dB / M @ 2.50 GHz (1.77 dB TYP)
 3.00 dB / M @ 5.00 GHz (2.63 dB TYP)
 3.35 dB / M @ 6.00 GHz (2.95 dB TYP)

REVISIONS

REV.	DESCRIPTION	ECN	DATE
A	ADD BUFFER	7658	04/03/013
B	REMOVE S WRAP	7734	8/5/2013

PHYSICAL

(4) 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
 NUMBERED 1 THRU 4 ON SIDE OPPOSITE DRAIN
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLED WITH BUFFER AND FILLER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .001 ALUMINIZED POLYESTER, FOIL OUT,
 20% MIN OVERLAP

OVERALL SHIELD {2}: 40 AWG TINNED COPPER BRAID,
 85% COVERAGE MIN

JACKET: 0.030 NOM WALL PVC, BLACK

DIAMETER: Ø0.230 ± .010

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>*
 SKEWCLEAR® 4 PAIR 28 AWG
 (UL) 75°C CL2 OR AWM STYLE 20276 80°C
 CSA AWM I/II A 75°C 300V FT4
 RoHS COMPLIANT <LOT CODE>

*CHINA PRODUCT ONLY

CONFORMANCE

RoHS COMPLIANT
 UL 75°C CL2 OR AWM STYLE 20276 80°C
 CSA FT4 75°C

DRAWN BY MSW 04/03/2013	REVIEWED	APPROVED	DOCUMENT NO. 166-2899-845	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev B
			TITLE: (4) SHIELDED PAIRS, 28 AWG, 100 OHM		SHEET 1 OF 1