



REVISIONS			
REV.	DESCRIPTION	ECN	DATE
A	ADD S-WRAP BUFFER IN CORE, UPDATE ELECTRICALS, MOD UL LISTING, FOIL TO BLUE, UPDATE PRINT LEGEND	7779	9/24/2013

ELECTRICAL

IMPEDANCE: 100Ω ± 5% (DIFFERENTIAL TDR)
 CAPACITANCE: 48 pF / M NOM
 PROP DELAY: 4.9 ns / M NOM

SKEW
 WITHIN PAIR*: ≤ 50 ps / 5 M

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

ATTENUATION (MAXIMUM):

- 2.20 dB / M @ 2.500 GHz (2.00 dB TYP)
- 3.35 dB / M @ 5.000 GHz (3.00 dB TYP)
- 4.25 dB / M @ 7.500 GHz (3.86 dB TYP)
- 5.15 dB / M @ 10.00 GHz (4.60 dB TYP)
- 6.03 dB / M @ 12.50 GHz (5.48 dB TYP)
- 6.90 dB / M @ 15.00 GHz (6.00 dB TYP)
- 7.58 dB / M @ 17.50 GHz (6.89 dB TYP)
- 8.25 dB / M @ 20.00 GHz (7.20 dB TYP)

PHYSICAL

(2) SHIELDED PARALLEL PAIRS
 30 AWG SOLID SILVER PLATED COPPER
 Ø0.034 NOM POLYOLEFIN
 PARALLEL PAIR WITH DRAIN: 30 AWG SOLID TINNED COPPER
 .001 ALUMINIZED POLYESTER, FOIL IN, BLUE
 NUMBERED 1 THRU 2 ON SIDE OPPOSITE DRAIN
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLED WITH BUFFER

BUFFER: POLYOLEFIN TAPE

OVERALL SHIELD {1}: .002 ALUMINUM POLYESTER ALUMINUM,
 20% MINIMUM OVERLAP (.104 ESTIMATED DIAMETER)

OVERALL SHIELD {2}: 38 AWG TINNED COPPER BRAID,
 85% COVERAGE MIN (.122 ESTIMATED DIAMETER)

JACKET: 0.030 NOM WALL PVC, BLACK

DIAMETER: Ø0.185 ± .015

PRINT LEGEND

AMPHENOL SPECTRA-STRIP SKEWCLEAR®
 EXD 2 PAIR 30 AWG RoHS COMPLIANT <LOT CODE>

CONFORMANCE

RoHS COMPLIANT
 PENDING (UL 75°C CL2 FT4)

DRAWN BY GPV 09/10/2007	REVIEWED	APPROVED	DOCUMENT NO. 160-3099-978	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev A
			TITLE: (2) SHIELDED PAIRS, EXD 30 AWG, 100 OHM		SHEET 1 OF 1