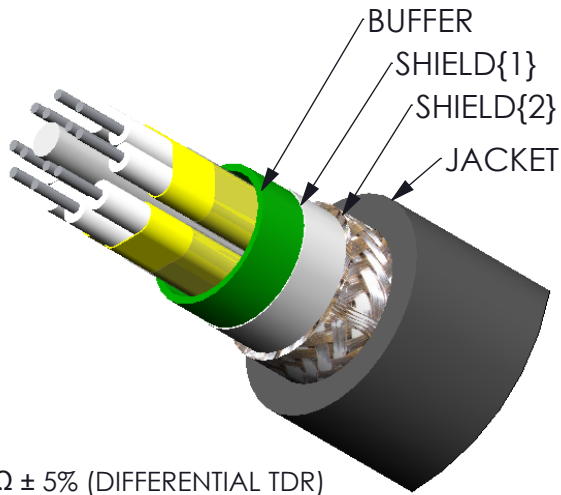
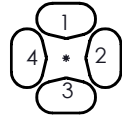
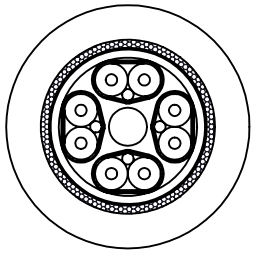


REVISIONS			
REV.	DESCRIPTION	ECN	DATE
A	ADD BUFFER	7654	03/20/2013
B	REMOVE S WRAP	7734	8/5/2013



ELECTRICAL

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

SKEW

WITHIN PAIR*: ≤ 40 ps / 5 M
 PAIR/PAIR*: ≤ 200 ps / 5 M

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

ATTENUATION (MAXIMUM):

1.65 dB / M @ 1.25 GHz (1.50 dB TYP)
 2.40 dB / M @ 2.50 GHz (2.17 dB TYP)
 3.65 dB / M @ 5.00 GHz (3.25 dB TYP)
 4.75 dB / M @ 7.50 GHz (4.20 dB TYP)
 6.05 dB / M @ 10.0 GHz (5.25 dB TYP)
 7.95 dB / M @ 14.0 GHz (6.90 dB TYP)

PHYSICAL

(4) SHIELDED PARALLEL PAIRS
 30 AWG SOLID SILVER PLATED COPPER
 Ø 0.0285 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: Ø 0.205 ± .010

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>*
 SKEWCLEAR® 4 PAIR 30 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 CL2 CSA FT4 75°C CL2, AWM 80°C
 OPTIMIZED FOR 14 GHZ MAXIMUM

DRAWN BY	REVIEWED	APPROVED	DOCUMENT NO.	AMPHENOL SPECTRA-STRIP® 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev B
GPV 06/30/2010			166-3099-871		TITLE: (4) SHIELDED PAIRS, 30 AWG, 100 OHM