

PRINT LEGEND

AMPHENOL SPECTRA-STRIP <-S>\*  
 SKEWCLEAR® EXD 8 PAIR 30 AWG  
 RoHS COMPLIANT US PATENT 7790981 <LOT CODE>

\*CHINA PRODUCT ONLY

CONFORMANCE

RoHS COMPLIANT, HALOGEN FREE  
 AWM VW1 PENDING

REVISIONS

REV.	DESCRIPTION	ECN	DATE
------	-------------	-----	------

PHYSICAL

(8) SHIELDED PARALLEL PAIRS

30 AWG (Ø0.0100) SOLID SILVER PLATED COPPER  
 Ø0.034 NOM POLYOLEFIN  
 PARALLEL PAIR WITH DRAIN:

30 AWG (Ø0.0100) SOLID TINNED COPPER  
 .001 ALUMINIZED POLYESTER, FOIL IN, BLUE  
 PAIRS 1-8: NUMBERED 1 THRU 8 ON DRAIN SIDE  
 CLEAR POLYESTER, HEAT SEALED

CABLING: PAIRS CABLED WITH BUFFER

BUFFER: POLYOLEFIN TAPE

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

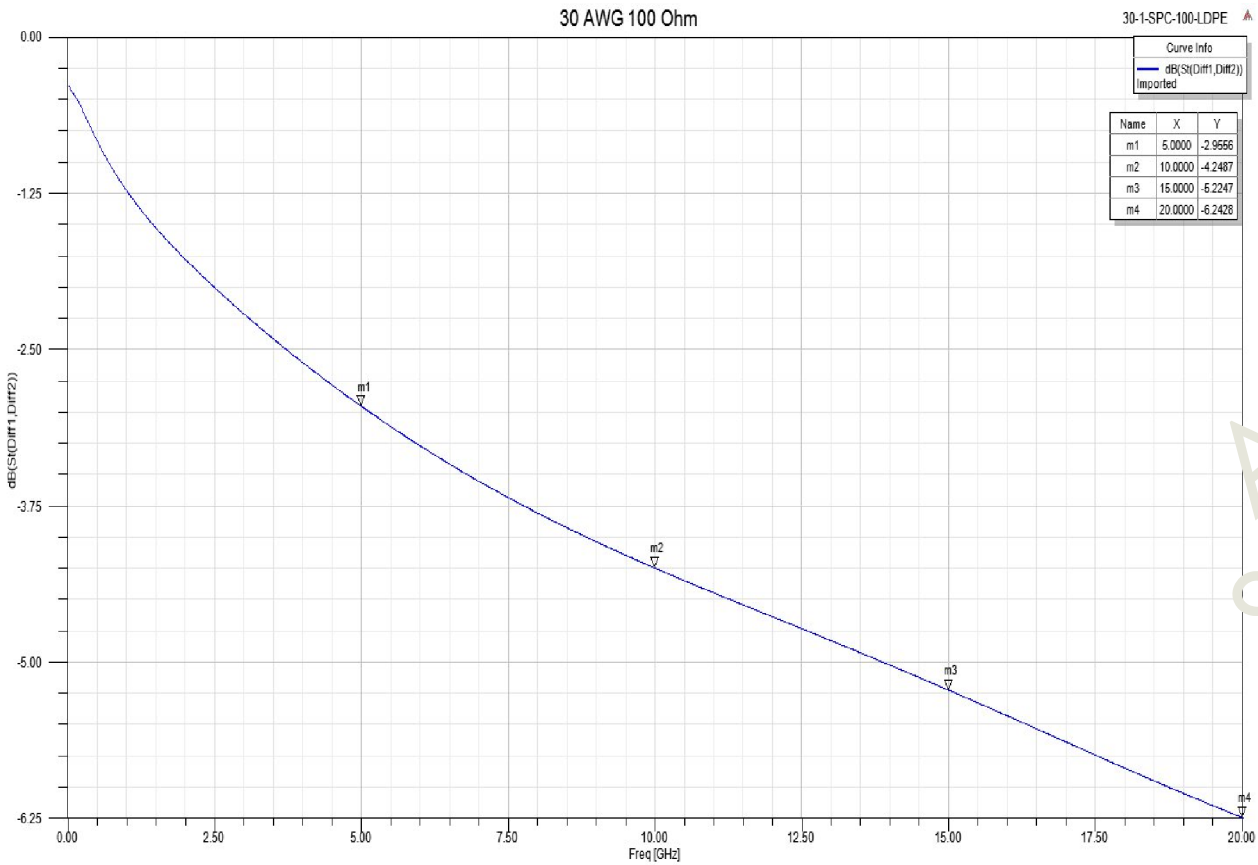
OVERALL SHIELD {2}: 40 AWG TINNED COPPER BRAID,  
 85% COVERAGE MIN

JACKET: 0.002 NOM WALL POLYESTER,  
 2 CROSS WRAPS, HEAT SEALED

DIAMETER: Ø0.220 ± .010

DRAWN BY MSW 08/04/2014	REVIEWED	APPROVED	DOCUMENT NO. 166-3093-804	<b>AMPHENOL SPECTRA-STRIP®</b> 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev -
			TITLE: (8) SHIELDED PAIRS, OPTICLEAR™, EXD™, HAL FREE 30 AWG, 100 OHM		SHEET 1 OF 2

REVISIONS			
REV.	DESCRIPTION	ECN	DATE



**ELECTRICAL**

IMPEDANCE: 100Ω ± 5Ω (DIFFERENTIAL TDR)  
 CAPACITANCE: 49 pF / M NOM  
 PROP DELAY: 4.9 ns / M NOM

**SKEW**

WITHIN PAIR\*: ≤ 50 ps / 5 M  
 PAIR/PAIR\*: ≤ 200 ps / 5 M

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

**ATTENUATION (ESTIMATED NOMINAL):**

2.95 dB / M @ 5.00 GHz  
 4.25 dB / M @ 10.0 GHz  
 5.22 dB / M @ 15.0 GHz  
 6.24 dB / M @ 20.0 GHz

DRAWN BY	REVIEWED	APPROVED	DOCUMENT NO.	<b>166-3093-804</b> TITLE: (8) SHIELDED PAIRS, OPTICLEAR™, EXD™, HAL FREE 30 AWG, 100 OHM	<b>AMPHENOL SPECTRA-STRIP®</b> 720 SHERMAN AVENUE HAMDEN CT 06514	TEL (203) 281-3200 FAX (203) 281-5872	Rev -
MSW 08/04/2014							SHEET <b>2 OF 2</b>