

FIGURES ON SHEET 2  
SHOW THE CABLE'S CORE  
PRIOR TO BEING FORMED  
TO ROUND.

ELECTRICAL

IMPEDANCE: 100 ± 10 Ω (DIFFERENTIAL TDR)

CAPACITANCE: 43 pF / M NOMINAL

PROP DELAY: 4.3 ns / M NOMINAL

SKREW (WITHIN PAIR) ≤ 100 ps / 8 M (REF ≤ 3.8 ps / FT) (TDT METHOD, DRAIN GROUNDED)  
(DIFFERENTIAL 50%-50%, TEKTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

SKREW (PAIR/PAIR) ≤ 350 ps / 8 M (REF ≤ 13.3 ps / FT) (TDT METHOD, DRAINS GROUNDED)  
(DIFFERENTIAL 50%-50%, TEKTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

CROSSTALK: BETTER THAN 60 dB, 1 MHz TO 1 GHz, BOTH NEAR AND FAR END

ATTENUATION (NOMINAL): 0.29 dB / M @ 66 MHz  
0.52 dB / M @ 198 MHz  
0.68 dB / M @ 330 MHz

RATINGS: 80° 300 V IEC 332-3 PENDING

PRELIMINARY

PHYSICAL

(23) SHIELDED PARALLEL PAIRS

28 AWG SOLID SILVER PLATED COPPER

.035 NOM DIAMETER FOAM NON-HALOGEN POLYOLEFIN

ONE WHITE, OTHER BLUE TINT (.011 NOM WALL)

PARALLEL PAIR WITH DRAIN, 28 AWG SOLID SILVER PLATED COPPER

.001 ALUMINIZED POLYESTER, SPIRAL, FOIL IN, 20% MIN OVERLAP, HEAT SEALED  
(NUMBERED PER FIGURE ON SHEET 2)

LAMINATE: .001 NOM POLYESTER, PER FIGURE ON SHEET 2

PAIR SPACING: PER FIGURE ON SHEET 2

CABLING: TWISTED TO ROUND

OVERALL SHIELD {1}: .0015 ALUMINIZED POLYESTER, SPIRAL, FOIL OUT,  
FOIL FREE EDGE, 20% MIN FOIL OVERLAP

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

JACKET: .035 NOM WALL NON-HALOGEN POLYMER, BLACK

DIAMETER: .405 ± .015 (FLAT REGIONS \*\* .435 NOM DIA)

PRINT LEGEND: SPECTRA-STRIP SKEWCLEAR® Plus 25 PAIR 28 AWG  
80° C 300V NON-HALOGEN

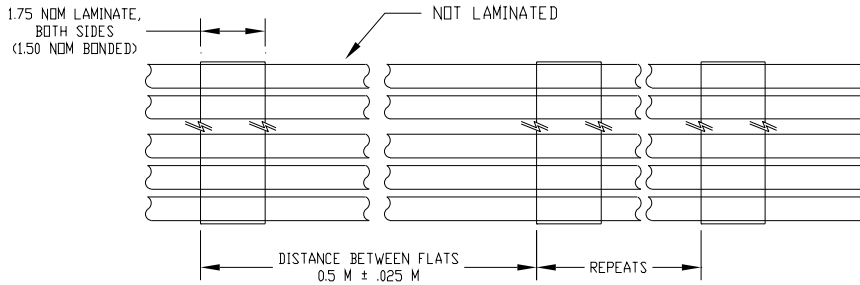
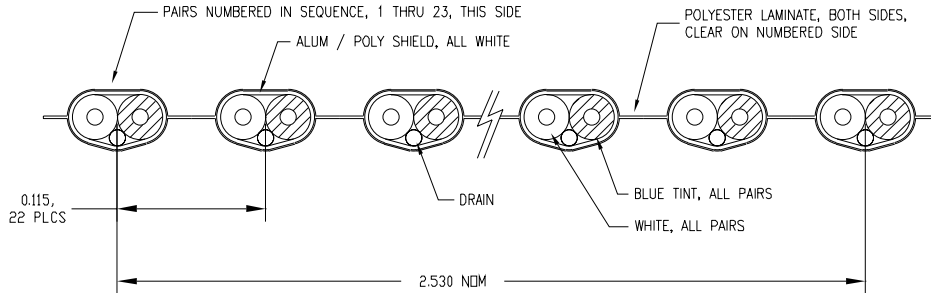
\*\* FLAT REGION IS ABOUT 3 INCHES LONG AND OCCURS ONLY AT PATCH LOCATIONS

REVISION	CHANGES
1	LAMINATE INTERVAL, AL-POLY {1}, PAIRS WHITE
2	(23) PAIRS, WAS (25)

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

DRAWN BY GJV 7-30-99	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 164-2899-974		AMPHENOL <b>SPECTRA-STRIP</b> OPERATIONS 720 Sherman Ave Tel (203) 281-3200 Hamden CT. 06514 Fax (203) 281-5872	Rev 2 Sheet 1 of 2
					TITLE: (23) SHIELDED PAIRS, 100 OHM, 28 AWG			
					NON-HALOGEN SKEWCLEAR® Plus			

CROSS-SECTION THRU LAMINATED REGION:



PRELIMINARY

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