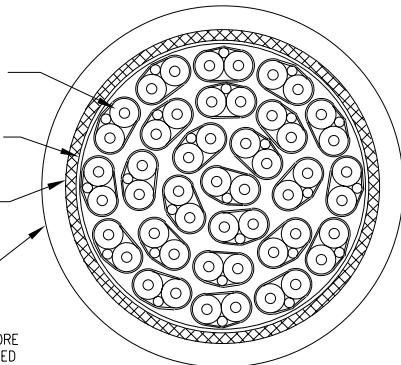


(25) SHIELDED PAIRS

ALUM-POLY SHIELD {1}

BRAID SHIELD {2}

JACKET



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): 0.28 dB / M @ 66 MHz

0.49 dB / M @ 198 MHz

0.64 dB / M @ 330 MHz

RATINGS (PENDING): 80° 300 V IEC 332-3

PHYSICAL

(25) SHIELDED PARALLEL PAIRS

28 AWG SOLID SILVER PLATED COPPER

.036 MAX (.035 NOM) DIAMETER FOAM NON-HALOGEN POLYOLEFIN

ONE WHITE, OTHER BLUE TINT

PARALLEL PAIR WITH DRAIN, 28 AWG SOLID SILVER PLATED COPPER

.001 ALUMINIZED POLYESTER, SPIRAL, FOIL IN, 20% MIN OVERLAP,

HEAT SEALED, WHITE, 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, BLUE

DIAMETER: .420 ± .015 (FLAT REGIONS ** .450 NOM DIA)

PRINT LEGEND: SPECTRA-STRIP SKEWCLEAR® Plus 25 PAIR 28 AWG

80° C 300V NON-HALOGEN

** FLAT REGION IS ABOUT 2.5 INCHES LONG AND OCCURS ONLY AT PATCH LOCATIONS

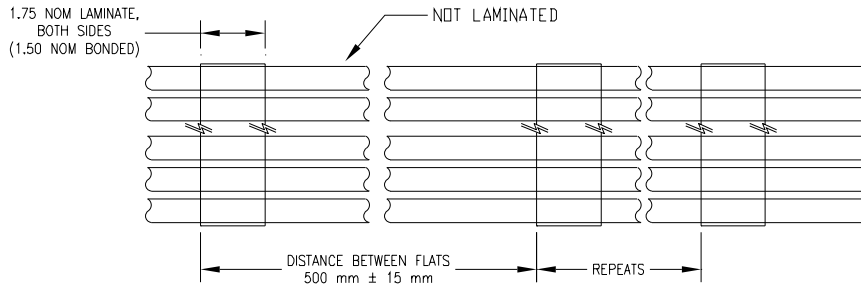
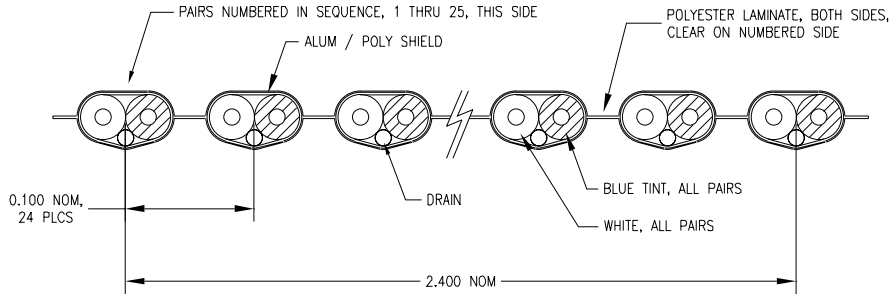
PRELIMINARY

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

REVISION	CHANGES
2	(23) PAIRS, WAS (25)
3	(25) PAIRS, WAS (23)
4	PAIR SPACING
5	BLUE JACKET

DRAWN BY GJV 7-30-99	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 164-2899-974		AMPHENOL SPECTRA-STRIP OPERATIONS 720 Sherman Ave Tel (203) 281-3200 Hamden CT. 06514 Fax (203) 281-5872	Rev 5 Sheet 1 of 2
					TITLE: (25) SHIELDED PAIRS, 100 OHM, 28 AWG			
					NON-HALOGEN SKEWCLEAR® Plus			

CROSS-SECTION THRU LAMINATED REGION:



PRELIMINARY

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

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				NON-HALOGEN SKEWCLEAR® Plus		Hamden CT. 06514	Fax (203) 281-5872	2 of 2