(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

SKLOW (WITHIN PAIR) ≤ 100 ps / B W (REF = 3.8 ps / FT) (TDT METHOD, DRAIN GROUNDED)

(DIFFERENTIAL 50%-50%, TEXTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

SKLOW (PAIR/PAIR) ≤ 350 ps / B W (REF = 13.3 ps / FT) (TDT METHOD, DRAINS GROUNDED)

(DIFFERENTIAL 50%-50%, TEXTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

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

ATTENUATION (NOMINAL): 0.20 dB / M @ 66 MHz

0.52 dB / M @ 198 MHz

0.88 dB / M @ 330 MHz

RATINGS: 300 V 80° C IEC 332-3 PENDING

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

REV.

TITLE: (25) SHIELDED PAIRS, 100 OHM, 28 AWG

NON-HALOGEN SKEWCLEAR® Plus

AMPHENOL SPECTRA-STRIP OPERATIONS

720 Sherman Ave  Tel (203) 281-3200
Hamden CT, 06514  Fax (203) 281-5872

Sheet 1 of 2
CROSS-SECTION THRU LAMINATED REGION:

PAIRS NUMBERED IN SEQUENCE, 1 THRU 25, THIS SIDE
ALUM / POLY SHIELD, ALL BLUE

POLYESTER LAMINATE, BOTH SIDES, CLEAR ON NUMBERED SIDE

DRAIN

BLUE TINT, ALL PARS
WHITE, ALL PARS

0.015, 24 PLS

2.260 NOM

2.50 NOM LAMINATE, BOTH SIDES

NOT LAMINATED

DISTANCE BETWEEN FLATS TBD ± TBD

REPEATS

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED