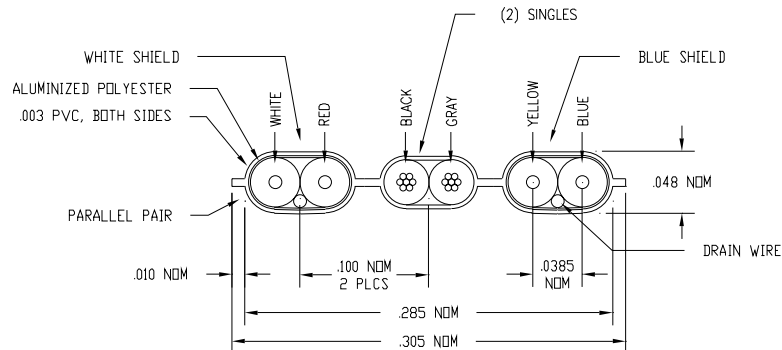




PRELIMINARY

ELECTRICAL

IMPEDANCE: $110 \pm 10 \Omega$ (DIFFERENTIAL TDR)

CAPACITANCE: 46 pF / M NOMINAL

PROP DELAY: 5.1 ns / M NOMINAL

SKEW (WITHIN PAIR) ≤ 50 ps / 3 M (REF ≤ 5.08 ps / FT) (TDT METHOD, DRAIN GROUNDED)
(DIFFERENTIAL 50%-50%, TEKTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

SKEW (PAIR/PAIR) ≤ 150 ps / 3 M (REF ≤ 15.2 ps / FT) (TDT METHOD, DRAINS GROUNDED)
(DIFFERENTIAL 50%-50%, TEKTRONIX 11801, SD-24/SD-26 SAMPLING HEADS)

ATTENUATION (NOMINAL): 0.37 dB / M @ 100 MHz (USING 110Ω MATCHING NETWORKS)
0.53 dB / M @ 200 MHz
0.76 dB / M @ 400 MHz

APPROVALS

UL AWM 20744 VW-1 CSA AWM FT-1

PHYSICAL

(2) SHIELDED PARALLEL PAIRS

30 AWG SOLID TINNED COPPER

.0385 NOM DIAMETER POLYOLEFIN, COLORS PER FIGURE (.014 NOMINAL WALL)

PARALLEL PAIR WITH DRAIN: 30 AWG SOLID TINNED COPPER

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

SHIELD COLORS PER FIGURE

(2) SINGLES

28 AWG 7/36 TINNED COPPER

.010 NOM WALL PVC, ONE BLACK, OTHER GRAY

LAMINATE: .003 CLEAR PVC

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

REVISION	CHANGES

DRAWN BY CPV 4-15-99	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 465-3099-935	AMPHENOL SPECTRA-STRIP OPERATIONS 720 Sherman Ave Hamden CT. 06514 Tel (203) 281-3200 Fax (203) 281-5872	Rev -
TITLE: RIBBON CABLE, (2) 100 Ω SHIELDED PAIRS							Sheet
+ (2) SINGLES SKEWCLEAR®							1 of 1