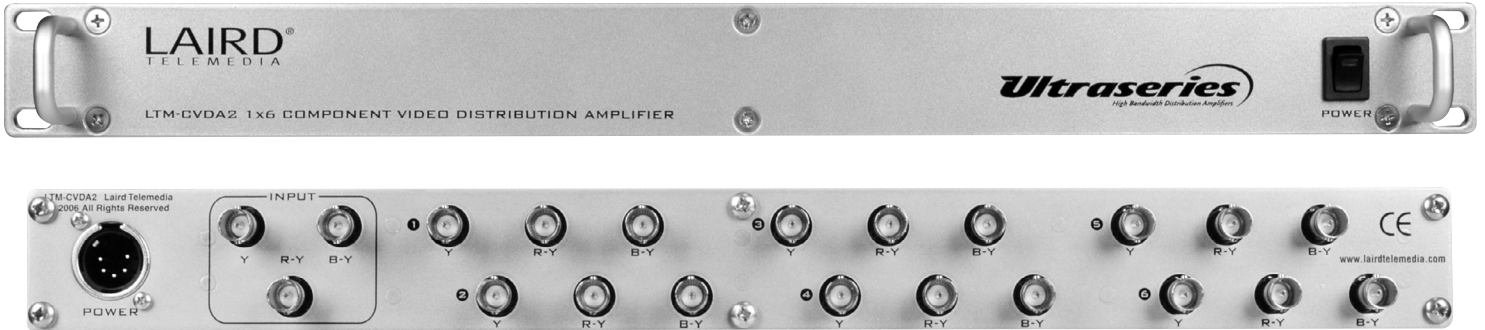




LTM-CVDA2 1x6 Buffered Component Video Distribution Amplifier



The Laird LTM-CVDA2 is a broadcast product for video component signal distribution. Designed using the latest in monolithic high bandwidth integrated circuitry, the LTM-CVDA2 provides unmatched performance in a single rack enclosure. Broadcasters and high-end production facilities need to distribute Component video signals. The LTM-CVDA2 features high bandwidth signal distribution circuitry, which provides a clean, transparent reproduction of signals. The LTM-CVDA2 will process NTSC, PAL, PAL-M and PAL-N signals.

SPECIFICATIONS

- INPUT SIGNALS:** 1 Component: R-Y, B-Y, Y into Three 75Ω BNC Connectors
- OUTPUT SIGNALS:** 6 Component: R-Y, B-Y, Y into Three 75Ω BNC Connectors per output
- BANDWIDTH:** 100 MHz
- DC LEVEL:** Average ±5.0mV @ 75 ohm zero off-set clamped on blanking
- OUTPUT NOISE:** Better than 65dB <1Vp-p

- ELECTRICAL PERFORMANCE**
- HIGH SLEW RATE:** 325 V/us
- FAST SETTLING:** 80 ns to 0.1% for a 10V step
- DIFFERENTIAL GAIN:** 0.04% at AV = +2, RL = 150Ω
- DIFFERENTIAL PHASE:** 0.15% at AV = +2, RL = 150Ω
- POWER:** 110V AC 50/60Hz 8.5Watts
220V AC 50/60Hz 8.5Watts(EU)

All specs performed @ 1Vp-p multiburst SMPTE colorbars @ 80-100% APL