

# AJA C10DA 1x6 Analog Video Distribution Amplifier

## Formats

- NTSC
- PAL
- Bi-level Reference
- Tri-level Reference
- AES3-id
- LTC

## Inputs

- 1 Analog, Differential, 1 x BNC

## Outputs

- 6 Analog, 6 x BNC

## Termination

- 75 Ohms or nonterminated

## Video Bandwidth

- 0 – 6 MHz +/- 0.1dB

## Gain

- -3dB, -2dB, -1dB, 0dB, +1dB, +2dB, or +3dB, +/- 0.3dB

## Diff Gain

- 0.15%, not load dependent

## Diff Phase

- 0.1 degree, not load dependent

## H/V Tilt

- < 0.1%

## Response Variation

- < 0.1dB 1 to 6 loads

## Coupling

- DC

## Max Common Mode Signal

- 10Vp-p

## Return Loss

- > 35dB to 6 MHz all inputs and outputs

## Output Isolation

- >40dB

## User Controls

- External Dipswitch
- Termination
- Gain

## Size (w x d x h)

- 5.8" x 3.1" x 1.0" (147mm x 79mm x 25mm)

## Weight

- 0.8 lb (0.3 kg)

## Power

- 5VDC Regulated, 2 Watts, power supply required, included with purchase

## **Environment**

- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)