



C10DA

The C10DA is a 1x6 analog distribution amplifier with support for NTSC and PAL offering the ability to distribute multiple copies of the incoming signal or extend content of composite video with gain adjustment to compensate for long cable runs where needed.

The C10DA can also be used to DA Tri-Level sync in an HD facility when a sync signal is fed externally into the Video Input.

<https://www.aja.com/products/c10da>

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)