



3GDA

The 3GDA is a miniature, low cost 1x6 3G HD-SDI/HD-SDI/SDI reclocking distribution amplifier. Featuring six separately buffered SDI outputs, the 3GDA provides automatic input detection, reclocking and cable equalization.

<https://www.aja.com/products/3gda>

Video Formats

- 100 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1 x 3G-SDI BNC, SMPTE-259/292/424

Video Output Digital

- 6 x 3G-SDI BNC, SMPTE-259/292/424

Cable Equalization

(Belden 1694A coax)

- 3 Gbps, 120m
- 1.5 Gbps, 200m
- 270 Mbps, 350m

Input / Output Return Loss

- >15db, 270 Mb - 3 Gb

Reclocking

- 2.970 Gbps, 2.967 Gbps, 1.485 Gbps, 1.483 Gbps, 270 Mbps - Auto Select
- All other rates are passed through and not reclocked

Size (w x d x h)

- 5.8" x 3.1 x 1" (131mm x 79mm x 25mm)

Weight

- 0.7 lb (0.3 kg)

Power

- +5-18VDC, regulated, 3 watts, power supply required, included with purchase
- AC Adapter: 100-240VAC, 50/60 Hz, universal input

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)