



12GDA

12GDA is a miniature 1x6 12G-SDI reclocking distribution amplifier that allows facilities to save on cable runs and install times. With support for 12G-SDI for 4K/UltraHD single link workflows, the format agnostic device features six separately buffered SDI outputs identical to the recovered input. It also offers automatic input detection, reclocking and cable equalization, as well as a throw down package and LED signal detection indicator.

<https://www.aja.com/products/12gda>

Video Formats

- 100 Mbps - 12 Gbps, format agnostic

Video Input Digital

- 1 x 12G-SDI BNC, SMPTE-259/292/424/2081/2082

Video Output Digital

- 6 x 12G-SDI BNC, SMPTE-259/292/424/2081/2082

Cable Equalization

(Belden 1694A coax)

- 12 Gbps, 70m
- 6 Gbps, 120m
- 3 Gbps, 190m
- 1.5 Gbps, 195m
- 270 Mbps, 405m

Reclocking

- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps - Auto Select
- All other rates are passed through and not reclocked

Size (w x d x h)

- 5.8" x 3.1 x 1" (147mm x 79mm x 25mm)

Weight

- 0.7 lb (0.3 kg)

Power

- +5-20VDC, 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)