



OG-2x4-SDI-DA

OG-2x4-SDI-DA has been discontinued.

\$550 US MSRP

Please click on openGear from the Products Menu and choose an updated Dashboard Compatible card for a current alternative.

The OG-2x4-SDI-DA is an openGear-compatible, state of the art 3G-SDI distribution amplifier. The incoming 3G-SDI signals on the 2 input channels are reclocked and distributed to 4 x 3G-SDI outputs each, or alternatively can function as a 1 x 8-Channel DA, allowing the same signal to be sent to eight destinations simultaneously. This dual input capability allows double the number of DAs in limited frame space. A 10 BNC rear Open Gear connector module is included.

<https://www.aja.com/products/og-2x4-sdi-da>

Video Formats

- 100 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1 x 8 Mode (Single 1x8 DA)
- 1 x 3G-SDI BNC, SMPTE-259/292/424
- 2 x 4 Mode (Dual 1x4 DA)
- 2 x 3G-SDI BNC, SMPTE-259/292/424

Video Output Digital

- 1 x 8 Mode (Single 1x8 DA)
- 8 x 3G-SDI, SMPTE-259/292/424
- 4 outputs noninverting
- 2 x 4 Mode (Dual 1x4 DA)
- 8 x 3G-SDI, SMPTE-259/292/424
- 2 outputs noninverting (each DA)

Cable Equalization

- (Belden 1694A coax)
- 270 Mbps, 350m
 - 1.5 Gbps, 200m
 - 3 Gbps, 120m

Reclocking

- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- All other rates are passed through and not reclocked

Size (w x d x h)

- openGear standard form-factor, front slot and rear card
- Slots: Two slots required for each card
- Rear Card: OG-10-BNC-Rear
- 10 x BNC, SMPTE-259/292/424

Weight

- 0.2 lb (0.1 kg)

Power

- openGear frame compatible, 2.0 watts max per card

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)