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# OG-12GDA-2x4 Tech Specs

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## Function

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- Dual 1x4 12G-SDI Distribution Amplifier

## Video Formats

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- 150 Mbps - 12 Gbps, format agnostic

## Video Input Digital

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

## Video Output Digital (noninverting)

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

## Cable Equalization

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(Belden 1694A coax)

- 12 Gbps, 45m
- 6 Gbps, 90m
- 3 Gbps, 140m
- 1.5 Gbps, 185m
- 270 Mbps, 365m

## Reclocking

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- 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

## User Control

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- openGear DashBoard network control software via Windows, macOS or Linux

## Size

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- openGear standard form factor, front slot and rear card. Two slots required for each card.

## Weight

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- 0.5 lb (0.3 kg)

## Power

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- openGear frame compatible, 4.5 watts max per card

## Environment

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- 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)
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