

# IQSDA33

## 3G/HD/SD-SDI Fanout Distribution Amplifier

A space-efficient fanout distribution amplifier that provides seven equalized outputs of the input in a single-width package.

The IQSDA33 from Grass Valley is a fanout distribution amplifier for HD-SDI 3 Gb/s, 1.5 Gb/s or 270 Mb/s SD-SDI signals providing seven equalized outputs of the input in a single-width package.

### Why should you choose this module?

- Space-efficient design with seven outputs of the input in a single-width package, allowing 16 modules in 3 RU or four in 1 RU
- Suitable for local fanout distribution applications

### KEY FEATURES

- 3G-HD, HD-SDI, SD-SDI and wide-band distribution amplifier
- Equalizes SDI signals from 270 Mb/s up to 3 Gb/s



Block Diagram for IQSDA3347-1A3.

**SPECIFICATIONS****Inputs and Outputs****Signal Input**

HD/SD-SDI input: 1x

Input cable length:

Up to 250m Belden 1694A @ 270 Mb/s

Up to 100m Belden 1694A @ 1.5 Gb/s

Recommended for local fanout distribution only at 3 Gb/s

**Signal Outputs**

HD/SD-SDI outputs: 7x

**Controls****Indicators**

Power: OK (Green)

**Card Edge Controls**

Slew rate switch: SD/HD

RollCall Functions: N/A

**General Specifications**

Electrical:

1.5 Gb/s HD-SDI, SMPTE ST 292

270 Mbit/s SDI, SMPTE 259-C

Connector/format: BNC/75Ω panel jack on standard GV connector panel

Return loss:

&gt; -15 dB (270 Mb/s, 1.5 Gb/s)

&gt; -10 dB (3 Gb/s)

**Power Consumption**

Module power consumption:

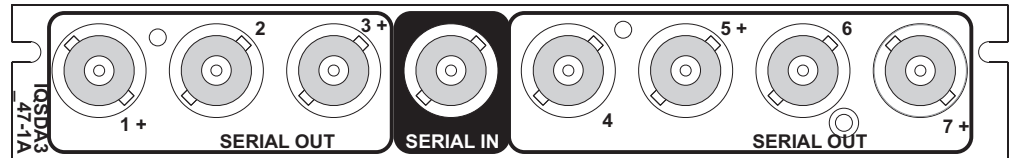
3W Max. (A Frames)

3 PR (B Frames)

**ORDERING****IQSDA3347-1A3, IQSDA3347-1B3**

HD/SD-SDI fanout distribution amplifier. 1 input, 7 outputs.

For more details on enclosure types please refer to the IQ Modular Enclosures datasheet.



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