

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

Remote Control 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:

- > -15 dB (270 Mb/s, 1.5 Gb/s)
- > -10 dB (3 Gb/s)

Power Consumption

Module power consumption:

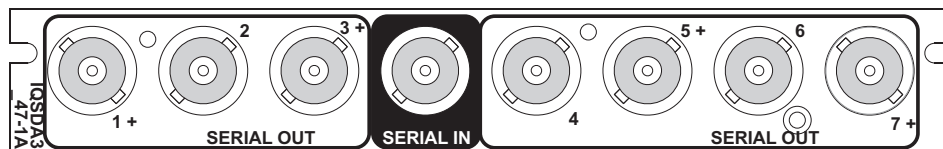
- 3W Max. (A Frames)
- 3 PR (B Frames)

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.



This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents

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