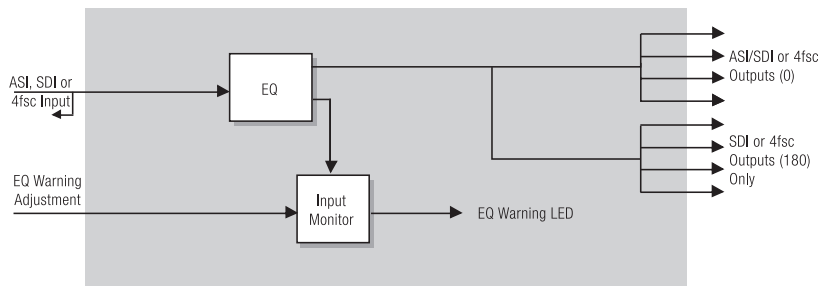
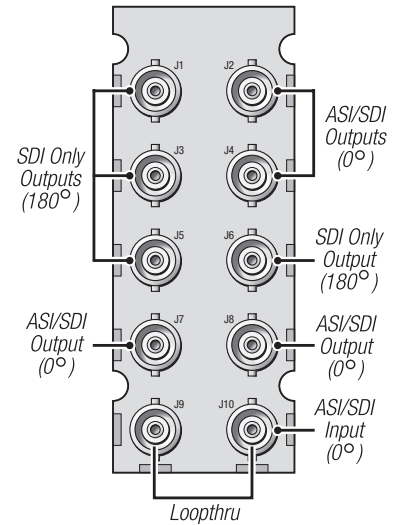


Key Features

- **Passive differential loop-through design adds system flexibility and reliability**
- **Eight outputs**
- **Auto input cable equalization up to 300m**
- **Supports both component and composite signals, all data rates 143, 177, 270, 360 Mb/s**
- **Front panel LED indicate EQ warning**
- **Remote health monitoring**

NOTE: ASI compatibility with 0° in phase outputs

The 8931 digital video fanout distributor amplifier is designed for distributing all major serial digital video formats. It is especially suited for short runs of recently reclocked signals where jitter is not a problem.



Specifications

Supported Frame Types

GeckoFlex with 8900V-R GeckoFlex Video rear module, Gecko video frames: 8900TX-V, 8900TF-V, 8900TFN-V

Power Rating

2.5 Watts – single slot

Input

Type: Serial digital (SMPTE 259M A, B, C, and D)

Connector type: BNC

Impedance: High Z differential loop-through

Supported data rates: 143, 177, 270, and 360 Mb/s

Return loss: >18 dB up to 270 MHz,
>15 dB up to 360 MHz

Automatic cable equalization:

<300 meters (up to 270 Mb/s)
<200 meters (up to 360 Mb/s)

Output

Type: Serial digital (SMPTE 259M A, B, C, and D)

Number of outputs: Eight

Connector type: BNC

Impedance: 75Ω

Return loss:
>18 dB up to 270 MHz
>15 dB up to 360 MHz

Performance

No signal reclocking

Electrical length: 3.4 ±1 ns

Temperature range: 0° to 50°C
(all specifications met)

Health monitoring: Power supply fault alert per SMPTE 269M

- Input signal present
- Input EQ warning

Indicators and Controls

Indicators: EQ warning

Remote: Frame alarm

Ordering Information

This module can be mounted in a GeckoFlex frame when ordered with the 8900V-R GeckoFlex Video rear module.

8931

Digital video fanout distribution amplifier

For detailed specifications, installation and setup instructions see:
www.grassvalley.com/docs/modular