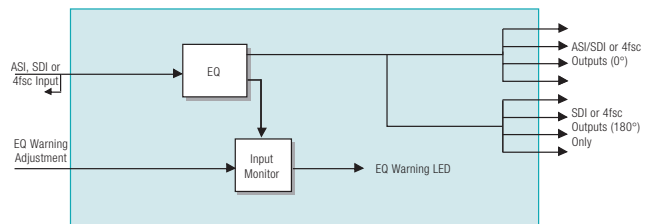


The 8931 digital video fanout distributor amplifier is designed for distributing all major serial digital video formats. It is especially suited for short runs of recently reclocked signals where jitter is not a problem.

key features

- *Passive differential loopthrough 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



specifications

Input

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

Connector Type: BNC

Impedance: High Z differential loopthrough

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

Power Consumption: <2.5W

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

8931

Digital video fanout distribution amplifier

8931MAN

Product manual

8900TX-V

2 RU frame with passive cooling and single 100W power supply (Cooling limited to 30W maximum load without adding fan front cover, 8900FAN)

8900TF-V

2 RU frame with fan front cover (8900FAN) and single 100W power supply

8900TFN-V

2 RU frame with fan front cover (8900FAN), 100W power supply, and Ethernet card (8900NET)

8900PSX

Redundant 100W power supply for 8900TX-A/V, 8900TF-A/V, and 8900TFN-A/V, works in all 8900/Gecko frames

8900NET

Ethernet interface card to upgrade 8900TX-A/V or 8900TF-A/V