

Front Panel View



Rear Panel View

**Features and Benefits:**

- Supports Return, Forward, and L-Band Applications
- Optional Gain Blocks
- Optional power configurations
- Optional offers redundant power capability
- Ideal for headends, hub site, & commercial site projects.
- Circuit board designed with sockets for plug-in JXP attenuators and plug-in Equalization.
- Reliable components
- Mounting in HPS series of headend chassis
- Optional -20dB Test Ports

The new **HA-101** universal amplifier inserter is designed primarily for applications in modern cable television headends and hub site environments.

The chassis occupies only one half of a single 19" 1RU rack space including a self contained Power Supply, and a separate compartment for the installation of a variety of amplifier modules.

The unique mechanical structure of the unit allows for mounting within a modular HPS series headend passive chassis. It can accommodate chassis which range in height from 1RU to 5RU, and is ideally suited for a variety of applications.

Amplifier modules are offered for the Return Path (5-200 MHz), Forward Path (48-1002 MHz), X-Broadband (48-1218 MHz) and L-band applications with an operation frequency range of (950-2150 MHz).

All amplifier modules are designed in a universal die-cast housing which allows for easy replacement and simplified maintenance.

Powering for the **HA-101** is available in two varieties:

1. Universal AC/DC power supply / Input voltage range 94 – 240VAC, 50-60 Hz.
2. -48 VDC power supply with an Input voltage range from -36 VDC to -72 VDC.

An optional redundant power connector is installed on the rear panel of the chassis to support a fail-safe operation whereby the primary source of source of electric power has failed.

With this feature set, two power supplies can be arranged in a redundant configuration and can operate without limitation. Each power supply can support (2) Forward Path Amplifier modules or (4) (Return Path or L-band amplifier modules.

All amplifiers modules are tuned and balanced prior to shipment.

Please call or write to us today for any additional information

**THREE YEAR PARTS AND
LABOR WARRANTY INCL-
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