



Features & Benefits

The HPS Series of Modular Passives are available as splitters, combiners, directional couplers, and universal modules to support applications from 5MHz to 2.15GHz.

- Chassis offered range in height from 1RU to 5RU for optimal rack space
- The HPS Series modules are engineered and designed for best in class performance in port-to-port isolation, return loss, and frequency response.
- HPS Series modules feature the capability for reversible mounting from either from the front or rear panel of the HPS Series chassis.
- Our manufacturing process includes a thorough quality control testing, precision tuning, and complete inspection procedure; designed to insure repeatable and dependable performance.
- Our very competitive pricing structure allows customers to realize significant cost savings.
- Custom designs welcomed.

**THREE YEAR PARTS AND
LABOR WARRANTY
INCLUDED**

The Advanced Head End Passive System includes multiple sized chassis to support specific site build requirements and a complete line of passive modules. Available chassis configurations are 5RU Model **HPS-501** (20 slots) , 2RU Model **HPS-201**, **HPS-202** (8 slots), and a 1RU Model **HPS-101** (4 slots) .

The **HPS-501** chassis allows for the installation of modules in a vertical configuration, while the **HPS-101**, **HPS-201** and **HPS-202** will support installation of modules in a horizontal configuration. Each HPS Series chassis is arranged for a high density of F connectors per 1RU of rack space (40 connectors per 1RU).

The 5RU Chassis is designed in a clever universal configuration; allowing for the installation of passive modules provided by various manufactures such as CommDev, ADC and ATX/PCI. The unique chassis cross bar mounting panels also allow for the reverse mounting of modules designed to eliminate external patch panels and to allow for efficient cabling.

The CommDev, LLC **HPS Series** of passive modules provide RF signal management solutions for modern CATV Head-end or Hub-site applications with best in class specifications and pricing. A wide variety of modules are offered including actives and passives for return path (5-204 MHz), forward path (48-1002MHz), wide-band (5-1002MHz), extra wide-band (5-1218MHz) and L-band applications in the 950-2150MHz frequency range.

HPS Series passive modules are designed for specific frequency range applications and are available in a wide variety of configurations. Modules are designed as "Universal" or "Bi-Directional Splitter/Combiners", or as specialized "Uni-Directional" combiners or splitters featuring a -20dB Test Point, all of which are optimized in the tuning stage for best in class performance in a designated frequency range. Modules can also be ordered with a built-in specific dB value equalizer for an ultra flat response; thereby eliminating the need for external in-line equalizers.

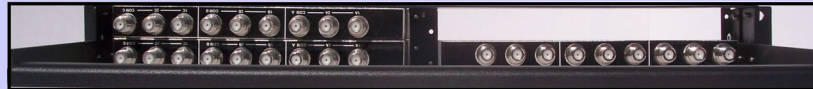
To maximize utilization of rack space; 2-way and 4-way models are packaged by three and two correspondingly while occupying a single slot in the modular chassis. Directional couplers are also available and packaged by two or three in a single housing. Modular passives are designed with internal walls to prevent any cross talk, while the housing cover is completely solder sealed to maximum RFI shielding. All modules feature an anti-corrosive plating as well as a -20dB Test point.

1RU Chassis Model HPS-101

Front View

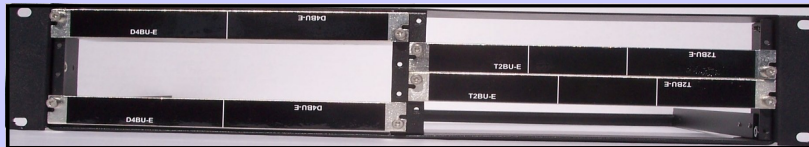


Rear View



2RU Chassis Model HPS-201

Front View

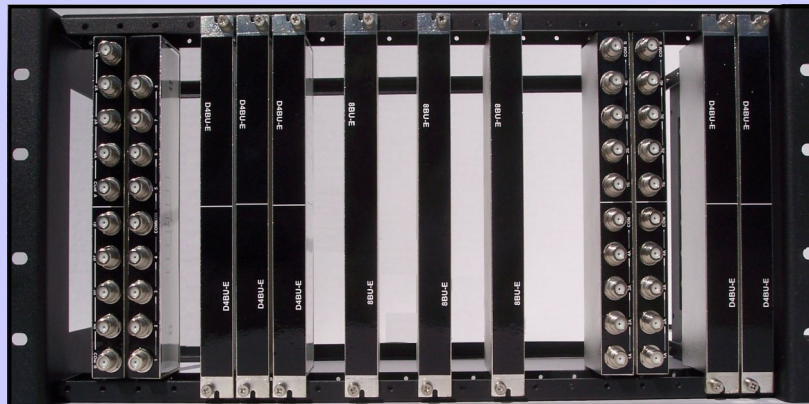


Rear View



5RU Chassis Model HPS-501

Front View



Rear View

