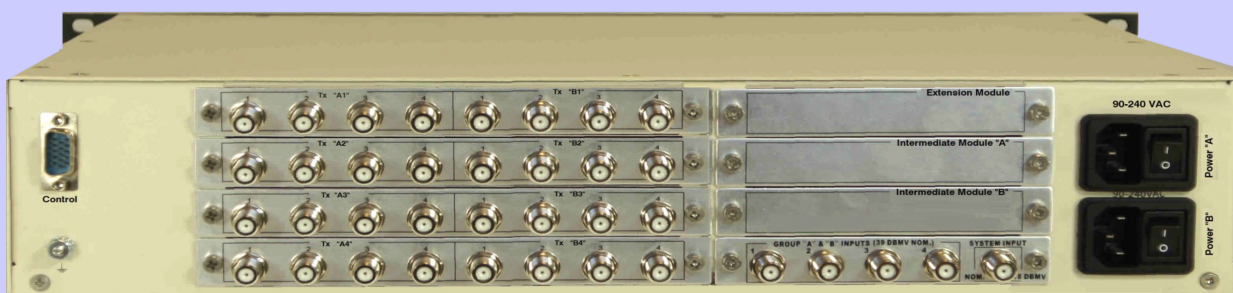


Front Panel View

Rear Panel View


Features and Benefits

As an active forward path modular distribution device, the unit provides up to 32 output ports with an ultra-flat signal response for delivery to an optical transmitter in the frequency range of 48-1002MHz or 48-1218MHz.

- Provides for 5 Input Signals and up to 32 outputs
- Load-sharing redundant power arrangement with contact closure alarms
- Optional RF Redundancy
- Fully modular for easy upgrade and maintenance.
- Simplifies engineering and architecture design challenges and allows for duplication between sites.
- Significantly reduces the use of external jumper cables, power consumption, rack space, and manpower hours of labor.
- Custom designs welcomed.

THREE YEAR PARTS AND LABOR WARRANTY INCLUDED

Model number **ASF-201** is a Forward Path Active Distribution Device (Active Splitter), and is designed for typical usage within headend and hub site environments. The compact chassis is arranged for typical installation within a standard 19" EIA rack, and is completely modular while using only 2 rack units of space. The system provides an ultra-flat RF output signal for final distribution to optical transport, is an extremely reliable and cost effective platform, and includes a very flexible feature set required for today's modern cable TV plant.

Option **ASF-201.1** works up to 1218 MHz with higher on 2 dB Insertion Loss compare original model **ASF-201**.

The units are designed for the active distribution of up to 5 input signals which are combined and split into two separate groupings of 16 outputs each. The system is configured to work in conjunction with our passive narrowcast units.

See model numbers **PNF-108**, **PNF-111** and **PNF-112** Series of Narrowcast Combiner's solutions.

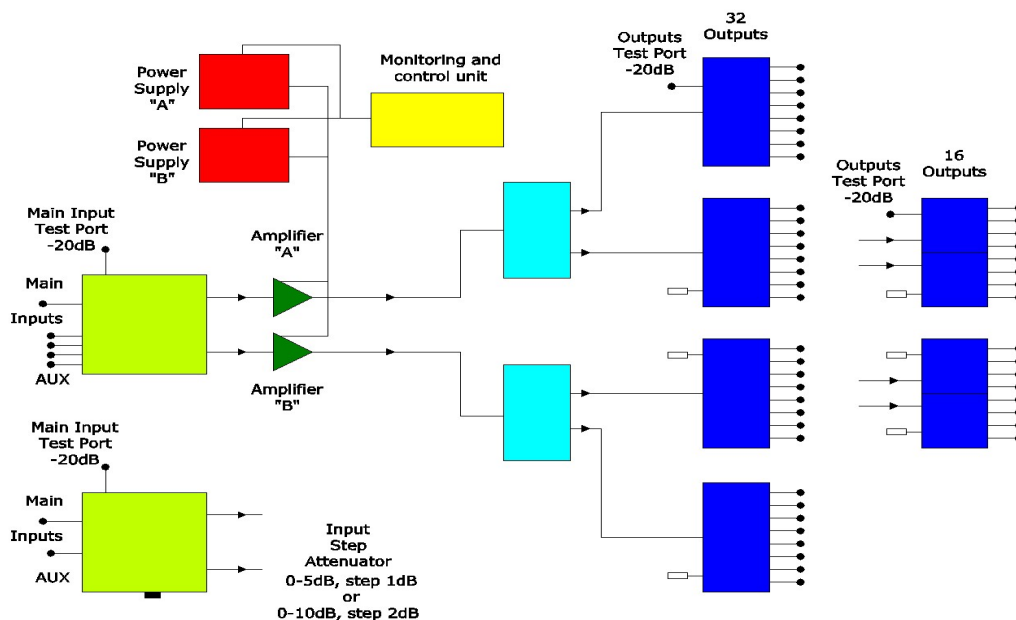
Inserting various amplifier gain blocks allows the system to be compatible with optical transmitters from legacy and current manufacturers. Multiple Test Ports, Amplifiers and Power Supply status LED's are provided on the front panel for maintenance and signal control.

All models include a redundant power supply configuration with a choice of either universal 90-260VAC, or a -48VDC power, and contact closure pin out alarms to monitor the status and performance of all amplifier and power supplies.

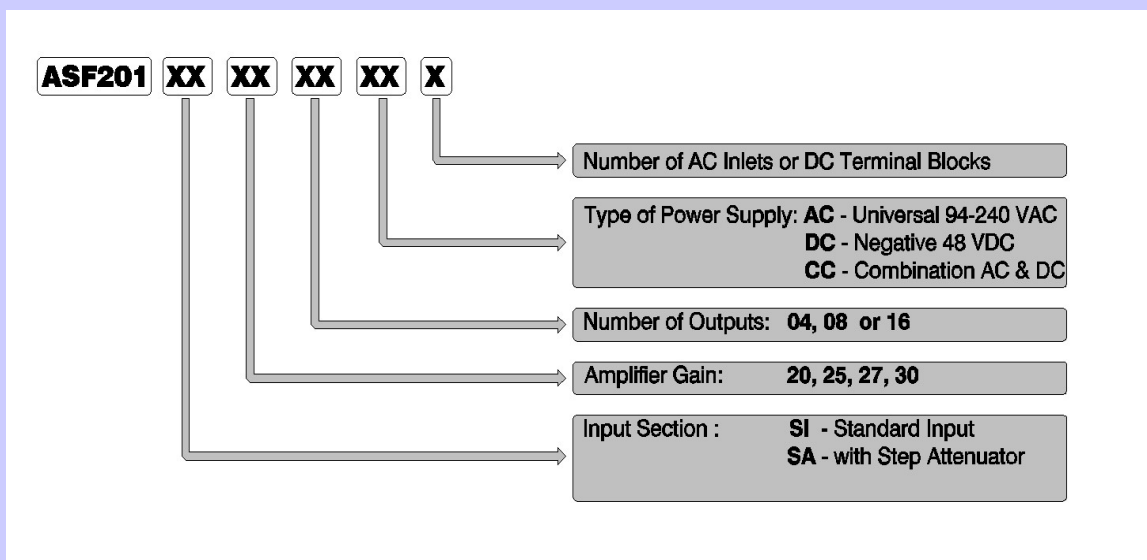
An optional custom main input section module is also offered with built-in step attenuation or step equalization for system balancing of broadcast signals being introduced to the device.

The system allows for the introduction of advanced revenue generating services, without disrupting the network or its current content delivery. Furthermore, its' modular construction allows for design flexibility, optimum performance results, and compliance with all site requirements.

Please contact us for additional technical support or product information

**Technical Specification:**

Parameters	Units	Spec
Bandwidth	MHz	48 - 1002 / 48 - 1218
Number of Inputs		5
Number of Outputs		8/16/24/32
Insertion Loss "Main Input" - Output (32 Outputs, 20 dB Gain)	dB	5.0±0.5 / 7.0±0.5
Insertion Loss Flatness	dB	±0.5
Insertion Loss "AUX Inputs" - Outputs	dB	27.0±0.5/29.0±0.5
Return Loss all Ports, min	dB	20.0
Isolation between Inputs and Outputs	dB	30.0
Recommended Input Signal Level (132 ch., flat):	dBmV	
Main Input		30
AUX Inputs		52
RFI	dB	110
Control Output (DB-15)		NC Contact for each active part
Powering:		
Universal	VAC	98-240/50-60Hz
DC	VDC	-48
Dimensions	inch	3.5Wx19Wx14D
Weight	lb	10

Ordering Information:

Part Number Example:

ASF201-SI-30-AC-2:

ASF-201
SI
30
AC
2

ASF-201 device
Standard Input
30 dB Gain
Universal Power Supplies - 2 pcs
Two AC power Inlets