

CHAS² Amplifier & Power Supplies Modules



Product Description

At the heart of the CHAS² Headend Amplifier System is the **CHAS² Headend Amplifier Module**.

The amplifiers feature separate RF and DC compartments for maximum EMI shielding, as well as large vertical fins that dissipate heat efficiently, eliminating the need for cooling fans.

All amplifiers are 1 GHz and have four (4) ports: signal input, signal output, input test and output test point.* They feature continuous slope and gain controls and allow adjustments without service interruption. All modules are hot swappable and available in a variety of gains and configurations allowing System Engineers to design solutions to fit any headend or hubsite.

All amplifiers have a built-in signal level alarm and threshold levels can easily be set by a continuous control located on the face of the module. In the case RF levels deviate from set levels, a flashing LED is activated. The additional CHAS² SNMP option allows remote monitoring of the amplifier including temperature, voltage, current and RF level. See CHAS² Status Monitoring for more.

The CHAS² Chassis accepts any CHAS² AC Mains or -48 VDC Power Supply in any slot. A single power supply will power a full chassis. Adding a second AC or DC power supply will allow for power redundancy. The CHAS² Chassis may also be powered directly from any +24 VDC power source. **

* Narrowcast amplifier models have an inject port in place of the input test point.

** Any two power sources function automatically in redundant mode



Applications

- RF Amplifier Modules for CHAS² Headend Amplifier System

Product Features

- Excellent heat dissipation without fans
- Continuous Gain and Slope Control adjustable without signal interruption
- Hot swappable
- RF Signal Level Alarm with Threshold Adjustment
- Input Test Point OR Narrowcast Injection Port
- Power redundancy with any two power sources.
- 5 - 1003 MHz bandwidth
- SNMP monitoring ready
- -20 dB Output Test Point
- Full 24 Month Limited Warranty

Ordering Information

Part #	Part Description	Model Description
824-707-116-OCE	CHAS 2 1003MHZ 16DB AMP MODULE	CHAS-2-1003-416
824-707-120-OCE	CHAS 2 1003MHZ 20DB AMP MODULE	CHAS-2-1003-420
824-707-228-OCE	CHAS 2 1003MHZ 28DB AMP MODULE	CHAS-2-1003-428
824-707-232-OCE	CHAS 2 1003MHZ 32DB AMP MODULE	CHAS-2-1003-432
824-707-236-OCE	CHAS 2 1003MHZ 36DB AMP MODULE	CHAS-2-1003-436
824-707-016-OCE	CHAS 2 1003MHZ 16DB NI AMP MODULE	CHAS-2-1003-416-NI
824-707-020-OCE	CHAS 2 1003MHZ 20DB NI AMP MODULE	CHAS-2-1003-420-NI
824-707-422-OCE	CHAS 2 200MHZ 22DB AMP MODULE	CHAS-2-200-222
824-707-528-OCE	CHAS 2 50MHZ 28DB AMP MODULE	CHAS-2-050-228
824-707-600-OCE	CHAS 2 DUAL SENSE A/B SWITCH	CHAS-2 A/B SWITCH
824-707-602-OCE	CHAS 2 SNMP CARD SLAVE	CHAS-2 SNMP-SLV
824-707-601-OCE	CHAS 2 SNMP CARD MASTER	CHAS-2 SNMP-MSTR
824-707-700-OCE	CHAS 2 PWR SUPPLY 85-260VAC MAINS	CHAS-2-PS AC MAINS
824-707-701-OCE	CHAS 2 -48 VDC PWR SUPPLY	CHAS-2-PS -48VDC
824-707-800-OCE	CHAS 2 8 MODULE CHASSIS	CHAS-2 CHASSIS
824-707-802-OCE	CHAS 8 MOD CHASSIS W/DC IN PANEL	CHAS-2 CHASSIS DCP
824-707-801-OCE	CHAS 2 8 MODULE CHASSIS CNTCT CLSR	CHAS-2 CHASSIS CC



CHAS²
HEADEND AMPLIFIER SYSTEM

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