

High-Performance Remotely Powered Amplifier WITH ADJUSTABLE GAIN

Description:

The **HCDA-1FRA-AG** is the newest addition to our a high performance HCDA Series amplifiers, with the addition of adjustable gain for both the forward path as well as the return path to give you full control and flexibility with your system. The product case and all of the ports are hermetically sealed to ensure no moisture comes in direct contact with the electronics. If you do not have power available in the location you are installing your system, you can use an **HCDA-PI** Power Inserter to remotely power the amplifier.



Model HCDA-1FRA-AG

Features:

- 1 GHz Bandwidth
- Adjustable Gain for Forward & Return Path
- High Input Capability & Low Noise Figure
- Ideal for Digital or Analog Signals
- Hermetically Sealed Case & Ports
- Surge Protected (IEE C62.41-1991, All Ports)

FORWARD PATH		REVERSE PATH	
Frequency	54-1000 MHz	Frequency	5-42 MHz
Gain (+/- 1 dB)	15 dB to -5 dB (adjustable)	Gain	-8 dB to 10 dB (adjustable)
Maximum Output (79 Analog Ch. & 33 Digital Ch.)	25 dBmV	Flatness	± 1dB
Slope	-	Group Delay	-
Flatness	± 1 dB	Maximum Input (1 Ch.)	45 dBmV
Group Delay	-	GENERAL	
Noise Figure (+/- .5dB)	3 dB	Power Supply (Included)	12 VDC @ 200 mA
Return Loss (In/Out)	20 dB	Operating Temperature	-40° to +60° Celsius
Cross Mod	-75 dB	Size	4.5" x 2.5" x 1"
CSO	-62 dB	Weight	1 lb. (w/adapter)
CTB	-75 dB	Connectors	F-Type