



Headend Return Path Amplifier Modules:

These high quality performance amplifier modules are engineered for typical use in a modern cable television plant., although are useful in other areas such as commercial applications.

All amplifier models are compatible with CommDev **HA-101, HA-104, HRA-101** and **HRA-102** Series chassis, and provided in a die-cast housing. Units are can be sold separately for different Chassis.

These amplifier modules exhibit low distortions, good flatness across the operating frequency band and have low input/output signal reflections.

Each amplifier has positions for JXP style plug-in Attenuators and Equalizers. Available dB value of Attenuators and Equalizers range in 1dB increments from 1 to 12 dB (supplied separately). Customized values available.

A -30 dB Test Port optionally can be added to the Amplifier. To order this type of amplifier Configuration please add the "T" at the end of Part Number.

Amplifier's Specifications:

Type of Amplifier:		AR-25.200	AR-30.200	AR-34.200
Parameters:	Units	Specifications		
Frequency	MHz	5 - 200		
Gain	dB	25	30	34
Gain Flatness	dB	±0.5		
Input/Output Return Loss	dB	22/22		
Noise Figure	dB	6.0 max	3.0 max	5.0 max
Output Signal Level	dBmV	50 max	50 max	50 max
CTB	dBc	-71	-72	-72
CSO	dBc	-75	-72	-72
XMOD	dBc	-63	-65	-64
Current Consumption (24 VDC)	mA	140 max	160 max	160 max
Measurement conditions:		7 Analog Channels, flat		

**THREE YEAR PARTS AND
LABOR WARRANTY INCLUDED**