



Low Noise Pre-Amps & Wide-Band Amplifiers



KH6HTV VIDEO offers a line of modular amplifiers. It includes low noise pre-amplifiers for 70cm & 23cm band and broad-band preamps. Also offered are ultra-wide bandwidth amplifiers with low frequency cutoffs extending down to 1 kHz. These are general purpose amplifiers suitable as instrumentation amps, driver amps, etc. They all are packaged in the same die-cast aluminum enclosure shown in the photo with SMA connectors and feed-thru capacitor for DC power. They all operate from +12 Vdc and include internal voltage regulators. The pre-amps can optionally be built to be powered via dc coming in on the output rf connector. All amplifiers come with an individual test report.

Model #	Bandwidth	Gain	Noise Figure	P(-1dB)
70-LNA	390 - 470 MHz	21 dB	0.5 dB	+21 dBm
23-4LNA	1220 - 1320 MHz	16 dB	0.9 dB	+19 dBm
WB-LNA-3	0.05 - 2.4 GHz	23 - 10 dB	0.8 dB	+20 dBm
UWBA-101	1 kHz - 1.5 GHz	22 dB	2.5 dB	+12 dBm
UWBA-102	1 kHz - 5 GHz	11 dB	5 dB	+14 dBm
UWBA-103	250 kHz - 3 GHz	20 dB	4 dB	+20 dBm

note: see individual spec. sheets for complete specifications

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