

KH6HTV VIDEO -- PRICE LIST

Rev. 13 Sept. 2021

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detailed spec. sheets for all products are available in .pdf on the web site

Ultra Wide-Band (kHz to GHz) & LNA Amplifiers + Bias Tees

(note: UWBA's can be modified for higher low frequency cutoff, no extra charge)

| Model # | Price | Category | Details |
|----------|-----------------|---------------------|---|
| 70-LNA | \$90 | LNA | 0.7dB NF, 20dB gain, +21dBm, 420-450 MHz |
| 33-LNA | \$90 | LNA | 0.7dB NF, 16dB gain, +20dBm, 902-928 MHz |
| 23-LNA | \$90 | LNA | 0.7dB NF, 14dB gain, +21dBm, 1240-1300 MHz |
| WB-LNA-3 | \$65 \$45 pc | Low-Noise Amplifier | useful 50MHz to 2.4GHz, <0.8dB NF 2m thru 23cm, +20dBm |
| UWBA-101 | \$65 \$45 pc | Wide-Band Amplifier | 3dB Bandwidth, 1.2 kHz to 1.5GHz, useful to 7 GHz 23 dB gain, +12 dBm, 2.5 dB NF |
| UWBA-102 | \$65 \$45 pc | Wide-Band Amplifier | 3dB Bandwidth 1.2 kHz to 5 GHz, useful to 10 GHz 11 dB gain, +14 dBm, 6 dB NF |
| UWBA-103 | \$65 \$45 pc | Wide-Band Amplifier | 3dB Bandwidth, 250 kHz to 3 GHz, useful to 8 GHz 20 dB gain, +22 dBm, 4.5 dB NF |
| BT-HF | \$50 | Bias Tee | 7 - 350 MHz, 50 Vdc, 2 Amps |
| BT-UHF | \$50 | Bias Tee | 2 m-13 cm (144-2400 MHz), 50 Vdc, 2 Amps |

Note: The WB-LNA & UWBA amplifiers are available either as an assembled pc board with SMAs for \$45, or complete in a metal enclosure with DC feed-thru cap. for \$65.

70 cm (420-450 MHz) Products

| Model # | Price | Category | Details |
|---------|---------|---------------------------|---|
| 70-LNA | \$90 | LNA | 0.5 dB NF, 21 dB gain, +21 dBm optional: dc feed via coax - no charge |
| 70-7B | \$350 | Linear RF Power Amplifier | 55 dB gain, 20 W(sat), 10 W(VUSB-TV), 3 W(DTV) |
| 70-9B | \$400 | Linear RF Power Amplifier | 53 dB gain, 60 W(sat), 25 W(VUSB-TV), 10 W(DTV) |
| 70-10AD | \$1,000 | TV Transmitter | VUSB-TV, switchable 10, 3 or 1 Watts (pep), includes built-in CATV, NTSC modulator. |

33 cm (902-928 MHz) Products

| Model # | Price | Category | Details |
|---------|-------|---------------------------|---|
| 33-1A | \$350 | Linear RF Power Amplifier | 42dB gain, 20W(sat), 6W(VUSB-TV), 2W (DTV) also usable on 70cm at lower output power |
| 33-3B | \$450 | Linear RF Power Amplifier | 50dB gain, 50W(sat), 20W(VUSB-TV), 6W(DTV) |
| 33-LNA | \$90 | Pre-Amplifier | 0.7 dB NF, 16 dB gain, +20 dBm optional: dc feed via coax - no charge |

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23 cm (1240-1300 MHz) Products

| Model # | Price | Category | Details |
|---------|--------------|--------------------------------------|--|
| 23-1 | \$575 | FM-TV Transmitter | FM-TV, 3 watts, 3 channel |
| 23-LNA | \$90 | Pre-Amplifier | 0.7 dB NF, 14 dB gain, +21 dBm optional: dc feed via coax - no charge |
| 23-5 | \$375 | 70 MHz IF Amp & FM-TV Demodulator | use with a down converter to make a microwave FM-TV Receiver |
| 23-6 | \$350 | Up-Converter | 15dB conv. gain, programmable LO, IF 5-500MHz |
| 23-7 | \$350 | Down-Converter | 22 dB conv. gain, 0.9 dB NF, IF 5-500 MHz |
| 23-8 | \$375 | FM-TV Modulator | 700-1400 MHz, +20dBm |
| 23-11A | \$400 | Linear RF Power Amplifier | 50dB gain, 30 W(sat), 15 W(VUSB-TV), 4.5 W(DTV) |

Programmable Crystal Oscillators - Model PXO-xxx crystal replacements for PC Electronics AM-TV transmitters, \$20 ea. All other frequencies - 100 kHz to 212 MHz, \$35 ea. Price includes postage for 1st class mail in US

Special Offer for Newcomers to ATV

If you are new to ATV and want to get started in high-definition, digital TV, I offer you a special service. If you purchase an RF Linear Power Amplifier from me, I will purchase for you (and then re-sell to you at cost), the required DVB-T modulator and receiver from Hi-Des in Taiwan. I will program both the modulator and receiver for you. Thus, when you receive the complete transmitter/receiver package, it will be ready to work immediately for you. Great deal for turn-key, "Appliance Operators"

DISCONTINUED PRODUCTS: 23-4LNA & 33-4LNA pre-amps, replaced by 23-LNA & 33-LNA. UWBA-100, replaced by UWBA-103: WB-LNA-1 & WB-LNA-2 replaced by WB-LNA-3. Models, ATV-DPX, ATV-BPF-xxx, ATV repeaters, discontinued, no replacement. (rev. 13 Sept. 2021)