

RF Amplifiers

Our Amplifiers are battle tested and built to perform. We offer rugged, reliable performance with minimum operator intervention through innovative technology, advanced design, and superior workmanship. Our Amplifiers are globally proven, mission ready and trusted across vehicle, airborne, manpack, drop-kits, and shipboard applications.

Tactical Booster Amplifiers

AR-20

- 20 Watts
- 30 – 512 MHz
- Lighter package
- Lower profile
- Internal LNA
- Co-site filtering
- Supports legacy and modern networking waveforms



AR-FS2-20VU

- 20 Watts
- 30 – 512 MHz
- Fast T/R switching – under 2 μ s
- Manet waveform support
- Integrated LNA
- Fully automatic
- Radio Agnostic



AR-50

- 50 Watts
- 30 – 512 MHz
- Internal LNA
- Supports legacy and modern networking waveforms
- DAMA and IW Certified
- 810G Certified



AR-FS2-20LS

- 20 Watts
- 1250 – 2600 MHz
- Fast T/R switching - under 2 μ s
- Manet waveform support
- Integrated LNA
- Fully automatic
- Radio agnostic



Rack Mount Amplifiers

AR-5000 Base Platform for Quick Customizations

- Class A or Class AB
- Lightweight 19-in., 2U rack mount
- Ethernet remote control
- AC Powered, single phase
- Touch screen interface
- Customize to your power & frequency requirements



AR-5000 Series Products

- **AR-5010** – 500 Watts CW/PEP, 30 – 88MHz
- **AR-5020** – 125 Watts CW/PEP, 118 MHz – 144 MHz, 225 - 400 MHz
- **AR-5030** – 80 Watts CW/PEP, 700 – 960 MHz



Tactical Booster Amplifiers

MODEL NAME	DESCRIPTION
AR-20	20 Watts PEP, 30 – 512 MHz, Tx/Rx with LNA
AR-20KT	20 Watts PEP, 30 – 512 MHz, Tx/Rx with LNA. Kit includes ; Amplifier, cables, pouches and LOS antenna
AR-20B	20 Watts PEP, 30 – 512 MHz, Tx/Rx
AR-20BKT	20 Watts PEP, 30 – 512 MHz, Tx/Rx. Kit includes ; Amplifier, Cables, Pouches and LOS Antenna
AR-20H	20 Watts PEP, 30 – 512 MHz, Tx/Rx with Remote Keyline
AR-20HC2	20 Watts PEP, 30 – 512 MHz, Tx/Rx
AR-FS2-20LS	20 Watts PEP, 1250 – 2600 MHz, Fast T/R switching – under 2 μ s
AR-FS2-20VU	20 Watts PEP, 30 – 512 MHz, Fast T/R switching – under 2 μ s
AR-35	35 Watts PEP, 30 – 512 MHz, Tx/Rx
AR-50	50 Watts PEP, 30 – 512 MHz, Tx/Rx
AR-50C2	50 Watts PEP, 30 – 512 MHz, Tx/Rx, High Input Power
AR-50M	50 Watts PEP, 30 – 512 MHz, Tx/Rx, Configured for MUOS
AR-50RC	25 Watts PEP, 30 – 512 MHz / 50 Watts PEP 290 – 320 MHz, Tx/Rx
AR-50S	50 Watts PEP, 30 – 88 MHz, Tx/Rx
AR-50-SAT75	50 Watts PEP, 30 – 512 MHz / 75 watts PEP 220 – 324 MHz, Tx/Rx
AR-50SE	50 Watts PEP, 30 – 88 MHz, Tx/Rx
AR-75	75 Watts PEP, 30 – 512 MHz, Tx/Rx

Rack Mount Amplifiers

MODEL NAME	DESCRIPTION
AR-5010	500 Watts CW/PEP, 30 – 88 MHz, 2U/3U
AR-5020	125 Watts CW/PEP, 118 – 144 MHz, 225 to 400 MHz
AR-5030	80 Watts CW/PEP, 700 – 960 MHz
AR-5030C2	80 Watts CW/PEP, 700 – 960 MHz
KAA2026	125 Watts, 700 kHz – 3 MHz
KAA2030	200 Watts, 500 kHz – 40 MHz
KAA4020	500 Watts, 1 – 50 MHz
KAA4020-M1	500 Watts, 1 – 50 MHz, IEEE 488.2 / RS232
KAA4021P	300 Watts, Pulse, 1 – 50 MHz
KAA5170P	1000 Watts, Pulse, 500 kHz – 5.5 MHz
KAW1020	5 Watts, 500 kHz – 1,000 MHz
KAW1040	20 Watts, 1 MHz – 512 MHz
KAW1040-M1	20 Watts, 1 MHz - 512 MHz, Rack Mounting Kit
KAW1050	25 Watts, 1 MHz – 400 MHz
KAW1080	25 Watts, 10 kHz – 1000 MHz
KAW2300	100 Watts PEP, 100 MHz – 1,000 MHz
KAW4040-M12	500 Watts, 390 – 410 MHz
KAW5030	200 Watts, 800 watts Peak, 100 MHz – 400 MHz

