

# BiAMP-320



## Bi - Directional RF Amplifier

The BiAMP-320 is a UHF (310 MHz to 390 MHz) bi-directional RF amplifier. The BiAMP-320 offers high speed switching between transmit and receive with excellent noise figure, automatic gain control and automatic transmit gain control.

### Features

- 10 - 12 dB receive gain
- Automatic TX gain control
- Instantaneously automatic RX/TX switching
- Extremely low noise figure
- Cast aluminum construction
- Receive band pass filter
- TX/RX LEDs
- Heavy duty N-Female connectors
- Industrial temperature specification
- Light weight
- Low profile design



### Applications

- Increase the range of MHX/Spectra/IP320 transceivers

**Restricted Sale to Military, Government and Export to Qualifying Customers Outside Canada and USA.**

### Specifications

Frequency Band	310 - 390 MHz	Impedance	50 $\Omega$
Receive Gain	11 dB $\pm$ 1 dB	Supply Voltage	12 VDC to 13.5VDC @ 2.5 Amps
Max Output Power	10 W	Connectors	N female
Transmit Level	15 dBm to 26 dBm	Weight	Approx. 1.02lbs (465g)
Noise Figure	2.5 dB $\pm$ 0.5 dB	Dimensions	Approx. 5.875" x 2.5" x 1.438" (150mm x 63.5mm x 36.52mm)
RX/TX Switching	100 $\mu$ s		

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