

BiAMP - 425



Bi - Directional RF Amplifier

The BiAMP-425 is a UHF (400 MHz to 450 MHz) bi-directional RF amplifier. The BiAMP-425 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/IP425 transceivers

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

Specifications

| | | | |
|------------------|---------------------|----------------|--|
| Frequency Band | 400 - 450 MHz | Impedance | 50 Ω |
| 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 μ s | | |

Contact Information

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Microhard Systems Inc.
150 Country Hills Landing N.W.
Calgary, AB, Canada T3K 5P3

Email: info@microhardcorp.com
Tel: (403) 248-0028
Fax: (403) 248-2762



www.microhardcorp.com