



# L-Band Power Amplifier

## MODEL LBA-15

### Guaranteed Specifications

Parameter	Range
Frequency	1240 to 1300 MHz
Input Power	1 W nom. (1.6 Wmax.)
Output Power	15 W min.
Bias Tee DC input	<5 A typ. @ 13.6 VDC
Standby Current	<1 A typ. @ 13.6 VDC
Harmonics	-45 dBc @ 15 W out

### Operating Characteristics

Modes (Linear Class AB)	SSB, FM, CW
Tx / Rx Switching Speed	10 ms
Min. Input to Switch	70 mW max.
Input VSWR	1.3:1 max. (50 Ohm)
Weight	4.5 lbs.
Dimensions	7.5 X 4 X 4.75"
Mast Clamp Capacity	1.25 to 2.25 " OD

### Features

- Powered via Input Coax
- Mounts at Antenna
- Bias Tee Included
- TX / Rx Relay Switched
- Optional Plugin LNA
- Optional Plugin DC Path for External Preamps
- DC Blocked Rx RF Path Std.
- All Connectors N-female
- Grounded Coplanar Waveguide Internal Construction

