



5.8 GHz, 802.11a Amplifier OEM Version-Rev B Item # 58104

The latest version of 5.8GHz OEM amplifier module gives peak power of 1watt with 20dB of Tx gain. This Low cost high performance 5.8 GHz amplifiers is ideal for integrating with any 5Ghz radio device.

Also available in 5.2~5.3Ghz and 4.9~6Ghz versions. It can be powered via USB* cable (optional).

Salient features include:

- 1Watt peak output power
- 20dB Tx gain
- 0.75" x 1.75" PCB that is only 0.15" high
- Status LED for Tx, Rx and high speed switching
- Made in USA



Specifications

Electrical:

Operating Range	5725 - 5875 MHz (5.15~5.25 GHz version available upon request)
Operating Mode	TDD, Time Division duplex,
Transmit Power	1W (30dBm) peak
Transmit Gain	20 dB
Transmit input Power	0dB min 12 dB max**
Receive Gain	20-22 dB
Noise Figure	3.5 dB
LED indicators	Red for Receive, Green for Transmit
Power Consumption	Rx: 45mA Tx: 1.4A @ 6V DC
Operating Temp	-40 °C to + 70 °C

Mechanical:

Dimensions	0.75" x 1.75" x 0.15 (H)
RF connectors	Options of End launch SMA, MCX or coax cable with any RF connector
DC input	Via coax cable with signal or DC cable
Weight	0.1 Oz

* USB power only for data applications only. For video use, the power must be from the AC adapter supplied with the unit.

** Maximum input power for OFDM may vary.