



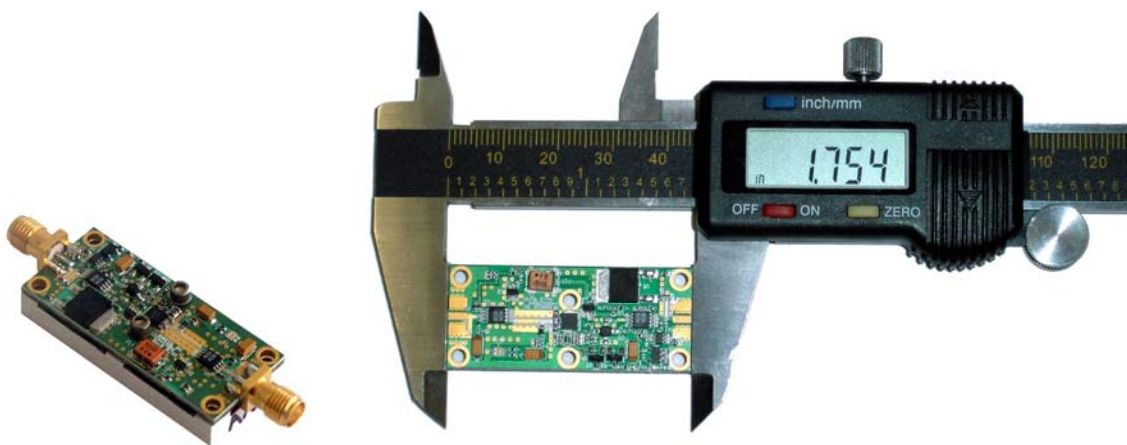
5.8 GHz, 802.11a Amplifier
OEM Version-Rev B
Item # 58103

The latest version of 5.8GHz OEM amplifier module gives peak power of 2watt with 24dB 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.

Salient features include:

- 2Watt peak output power
- 24dB 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	2W (33dBm) peak
Transmit Gain	24 dB
Transmit input Power	-3dB min 15 dB max
Receive Gain	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