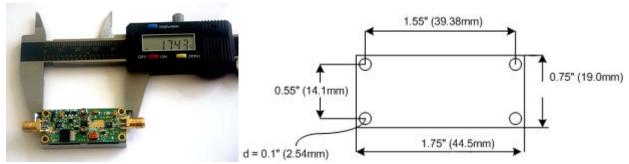


2.4GHz OEM Module - 20dB Gain 1 Watt Linear, 2 Watt Peak

Designed for use as an add-on module with existing wireless radio equipment, 802.11b/g, AM/FM or video products where higher power is required. This module offers **low cost** solution to all power problems. With PCB size as1.75" x 0.75", this is the smallest, linear 1 watt amplifier available anywhere. The saturated output power is 2Watts.

Extremely efficient unit, eliminates the need of any heat dissipation.

The unit can be powered via coax (with DC injector) or direct wire soldered to the PCB.



Item # 24203

Specifications

Electrical:

Operating Range 2400 - 2500 MHz

Operating Mode TDD, Time Division duplex,

Transmit Power 33 dBm Saturated, 30dBm (1 Watt) linear

Transmit Gain 20 dB linear gain
Transmit input Power 1 dB min 12 dB max

Receive Gain 16 dB

Noise Figure 3.5 dB LED indicators Red for Receive (Default mode)

Green for Transmit

Power Consumption 40mA Rx, 1.2A Tx @ 6 VDC

 $\begin{array}{lll} \mbox{Operating Temp} & -40\ ^{\circ}\mbox{C to} + 70\ ^{\circ}\mbox{C} \\ \mbox{Dimension:} & 1.75\ ^{\circ}\mbox{x} \ 0.75\ ^{\circ}\mbox{Weight:} & 1.0\ \mbox{Oz.} \ (29\ g) \\ \end{array}$

Options:

RF Connectors SMA females

DC Power Over coax, using DC injector, or Direct feed via soldered wire