



2.4GHz 1 Watt POE Amplifier Module 802.3af compliant

This 2.4GHz POE amplifier features 802.3af compliant circuitry, that supports upto 60V DC through power over Ethernet.

Designed for use as an add-on module for 2.4GHz wireless equipment where 1 Watt RF power is desired and the existing radio runs on power over Ethernet.

Now available in modular form for use inside any existing radio enclosure.

The unit can be powered via DC jack using 12V, DC jack or direct wire soldered to the PCB.



Item # 24105

Specifications

Operating Range	2400 - 2500 MHz
Operating Mode	TDD, Time Division duplex,
Transmit Power	30 dB, 1 Watt
Transmit Gain	16 dB (22dB optional, set at factory)
Transmit input Power	5 dB min 18 dB max
Receive Gain	10 dB
Noise Figure	3.5 dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption	45mA Rx, 700mA Tx @ 12VDC
Operating Temp	-40 °C to + 70 °C
Dimension:	2.6" x 4.7" (with SMA connectors)
Weight:	5.0 Oz. (with AL mounting plate)
RF Connectors	SMA female
DC Power	Via DC jack 12v DC max POE- 12~ 60V DC