



2.4GHz POE Amplifier 802.11g

250mWatt POE

With a built-in Power Over Ethernet Interface, this amplifier is compatible with 802.11g Wireless Lan equipment and extends the range of 2.4 GHz Wireless Radio Devices. By using this amplifier, you can eliminate the need of the POE adapter, which simplifies the installation.

This 250mW POE amplifier transmits power up to 300 feet of distance between the amplifier and the power source. This amplifier has a transmit gain of up to 20dBm and the dimensions are 4.15" L x 3.15" W x 1.00" H.

OEM, Military & Export Version



Item# 12-224

Technical Specifications

Features:	1 Watt POE 802.11g, 250mW
Operating Range:	2400 - 2500 MHz
Operating Mode:	Bi-Directional, TDD
Transmit Gain:	up to 20 dB
Frequency Response:	+/- 1 dB
Output Power:	250mWatt (+24 dBm)
TX Input Power:	0 dBm min, 23 dBm max
Receiver Gain:	10-13dBm, 12dBm typical
Noise Figure:	3.5dB typical
LED Indicators:	RED: Solid On: Power and Receiving mode/ Off: No Power GREEN/ORANGE: Blinking: Transmitting
Connectors:	SMA Female , 50Ohm
Lightning Protection:	Quarter Wave Technology
DC Surge Protection:	Available
Power Consumption:	Tx = 250 mA, Rx = 40 mA @ 48VDC
Operating Temperature:	-40°C to + 70°C
Dimensions:	4.15" L x 3.15" W x 1.00" H

FCC NOTICE

The use of all radio equipment is subject to radio regulations in each country. It is the responsibility of the purchaser/installer/operator to insure that only approved equipment/systems are deployed. For the ISM band (900MHz, 2.4GHz, 5.7GHz) equipment manufactured, sold/or used in the USA, FCC Title 47, Part 15 governs the sale, lease, use and manufacture of equipment (wireless LAN cards, wireless Access points, amplifiers, etc.) and prohibits the same unless such equipment is used in the FCC-certified system configuration with which such equipment is authorized.