



Ultra High Isolation 4.9GHz OFDM Amplifier

4.9GHz 0.5W

Ultra High Isolation Amplifier.

Designed to eliminate excessive interference caused by overuse of ISM channels.

Link Quality.

This ultra high isolation amplifier will not only extend the distance of wireless communication, but also improve link quality. The out of band rejection is more than 60 dB @ fc +/- 620 MHz. It is the finest amplifier for ideal, high-speed, long-range communication systems. It is fully compatible compatible with any 4.9GHz radio, such as EZPlatform 4.9GHz series. In addition, this ultra high isolation amplifier can be integrated into any 4.9GHz system.



Item# 12-603-4950

Hardware Specifications

Features:	0.5 Watt Indoor /Integratable with any 4.9GHz radios
Operating Range:	4.9 - 5.0 GHz
Operating Mode:	Bi-directional, TDD
Transmit Gain:	13 dB
Frequency Response:	+/- 1 dB
Output Power:	0.5 W
TX Input Power:	2mW (3dBm) min up to 50mW (17dBm) max
Receiver Gain:	15 dB typical
Noise Figure:	3.5 dB typical
Out of Band Rejection:	> 60 dB @ fc +/- 620 MHz
TX/RX Bandpass Filter:	Both
Connectors:	SMA-type, Female/Female, 50 Ohm
Power Supply:	Wire-in DC 6.0 V
Power Consumption:	0.8 A @ 6.0 VDC
Operating Temperature:	-30°C to + 70°C

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.

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