



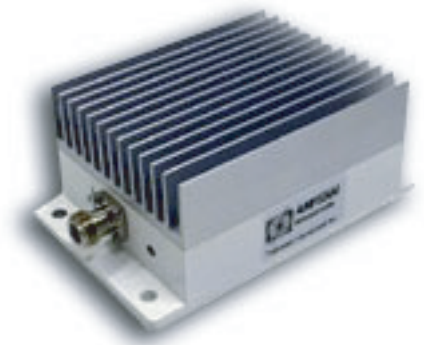
5.8GHz 802.11a 250mW Outdoor Amplifier

RF Amplifier 5.8GHz Series

802.11a 250mWatt Indoor and Outdoor Amplifier

Designed for extending the range of wireless radio devices requiring high linearity amplification and is particularly effective when used with Direct Sequence Spread Spectrum (DSSS), Frequency Hopping Spread Spectrum (FHSS), and 802.11a Orthogonal Frequency Division Multiplexing (OFDM) radio modems. This unit provides the transmit power amplification as well as receive signal gain.

Also available with the state of the art smart functions in 900 MHz and 2.4 GHz bands in several power options.
OEM, Military, and Export Version



Item# 12-503

Technical Specifications

Features:	250mWatt Outdoor
Operating Range:	5725-5875 MHz
Operating Mode:	Bi-Directional, TDD
Transmit Gain:	15 dB typical
Frequency Response:	+/- 1dB
Output Power:	250mw @ 9dBm input
TX Input Power:	1 mW (0dBm) min, 10mW (10dBm) max
Receiver Gain:	12 dB Typical
Noise Figure:	3.5 dB Typical
LED Indicators:	RED: Solid On: Power and Receiving mode/ Off: No Power GREEN/ORANGE: Blinking: Transmitting
Connectors:	N-Type Female 50 Ohm
Lightning Protection:	Direct DC Ground at antenna
DC Surge Protection:	600Watts TVS@ 12VDC
Power Consumption:	2A @ 12 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.