



500mW 11g Indoor Amplifier

2.4 GHz

500mW 11g Indoor Features.

Designed for extending the range of 2.4 GHz 802.11b and g wireless radio devices, this 500mW Indoor amplifier is particularly effective when used with Direct Sequence or Frequency Hopping Spread Spectrum radio modems. Our small profile unit provides the transmit power amplification as well as receive signal gain you are looking for, all with only 3.5dBm RX noise increase.

Ideal for increasing the range of low power radio devices and to compensate for cable loss in certain installations.

- Precision die-cast aluminum enclosure for effective heat dissipation and durability.
- Top mounted activity LED for easy viewing.
- Attractive and resilient powder-coat finish.
- Low noise floor.



Item# 12-228

Technical Specifications

Frequency Range:	2400 - 2500 MHz
Operating Mode:	Bi-directional, half duplex, auto-switching
Connector:	SMA Receptacle, 50 Ohm
Frequency Response:	+/- 1dB over operating mode
Input Power:	6mW (Min), 100mW (Max)
Output Power:	500mW (27dBm)
Transmit Gain:	14dBm
Receive Gain:	14dBm
Receive Noise Figure:	3.5dBm nominal

Mechanical Specifications

Operating Temperature:	-20 °C to + 70 °C
Operating Humidity:	Up to 95% relative humidity
Power Adapter:	6V DC Max Current <1A, 100~240V AC
Dimensions:	Amplifier: 3.0 x 2.2 x .90 in. (7.8 x 5.6 x 2.3 cm) DC Adaptor: 2.5 x 1.8 x 1.1 inches (6.0 x 4.4 x 2.5cm)
Weight:	Amplifier: <0.5lb/ 200g DC Adaptor: <120 g