

>>> RP-WR1102/1 RP-WR1102 RP-WR1102/5



- RP-WR1102/1 Fix-Gain Booster 100m W 2.4GHz for 802.11b w/ SMA Plug
- RP-WR1102 Fix-Gain Booster 200m W 2.4GHz for 802.11b w/ SMA Plug
- RP-WR1102/5 Fix-Gain Booster 500m W 2.4GHz for 802.11b w/ SMA Plug



The device is an indoor solution bi-directional Amplifiers designed for 2.4 GHz wireless LAN. It comes with an easy plug-and-play installation, which works together with an indoor Wireless Access Point to improve its operation range and performance. The unit is ideal for use with 2.4 GHz Frequency Hopping or Direct Sequence Spread Spectrum radio modems and 11 Mbit/sec IEEE 802.11b devices.

The amplifiers increase range by providing transmit gain as well as low-noise receive gain. This receive gain increases the receive sensitivity of wireless LAN Access Point.

FEATURES

- Lower power, low cost and light weight
- Plug and play
- High gain and high performance
- Make indoor true wireless
- Enjoy broadband wireless everywhere
- Anywhere in:
 - Airport
 - Coffee shop
 - Hot spots
 - House
 - Restaurant
 - Stations
 - Shopping Mall
 - School

SPECIFICATIONS

Operating Range	2400-2500MHz
Operating Mode	Bi-directional, half duplex, Time Division Duplex Senses RF carrier from Transmitter and automatically switches receive to transmit mode
Transmit Gain	17 dB(Adjustable) normal (Spec. by customer)
Frequency Response	+/- dB over operating range
Output Power	100MW or 200MW or 500 MW normal
TX Input Power	10dB Normal(Spec.by customer)
Receiver Gain	10dB typical
Noise Figure	3.5dB typical
Connectors	SMA-, female, 50ohm
Lightning Protection	Direct DC ground at antenna connector
DC Surge Protection	at 5 VDC input from transmission cable
Power Consumption	650mA @5V DC 105-240V AC from power supply
Dimensions(cm)	Bi-directional amplifier:L 7.7 cm x W 5.5cm xH 2.9cm 5V DC injector:L 6.3cm x W 4.5cm xH 2.0cm
Operating Temperature	Bi-directional amplifier: -20 C to +70 C 5V DC injector:-30 C to +70 C
Humidity	up to 100% Relative Humidity 5V DC injector:10% to 75% Relative Humidity