



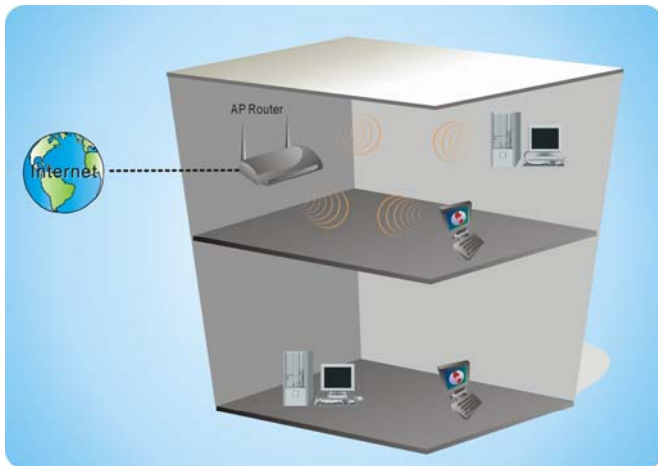
IPA-11g/0.1w

802.11g Indoor Booster, 0.1W, W/ Pig Tail
(Reverse SMA Male to SMA Male)

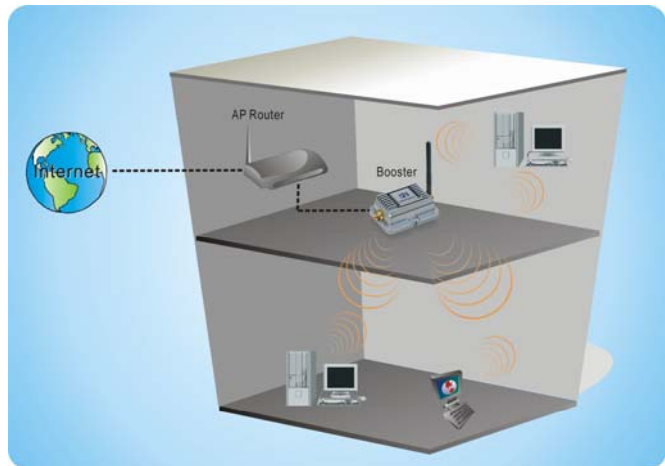
PheeNet IPA-11G/0.1W is an 802.11g 2.4 ~ 2.5 GHz high performance boosters, operating in Bi-directional TDD Technology. User can apply this device at indoors to extend the range of wireless radio communication. The output power of IPA-11G/0.1W is 100 mW for traditional 802.11g 54Mbps AP / Bridge to enhance distance, and signal quality. The connectors of IPA-11G/0.1W are SMA female pin to radio and reverse-SMA male pin to antenna, which also equipped with Direct DC ground at antenna connector to ensure reliable performance.

APPLICATION

Inferior Situation W/O Booster



Superior Situation W/Booster



Features

1. 2.400~2.500 GHz unlicensed ISM Band
2. Automatically adjusts input power to dedicated output power.
3. Bi-directional TDD technology
4. Transmitter LED indicator
5. Compatible with IEEE 802.11b/g
6. Extending transmission distance
7. Enhance signal strength

Specification

Frequency Band	2.400 ~ 2.500GHZ
Signal Type	Bi-directional, half-duplex Time Division Duplex Senses RF carrier from Transmitter and automatically switches Receive to transmit mode
Transmitter Output Power	100 mW (+20dBm)
Transmitter Input Power	6mW~100mW
Transmitter Gain	14dB
Receiver Gain	14dB
Frequency response Flatness	±1 dB over operating range
Noise Figure	< 3.5dB
Connector	SMA female pin to radio, reverse-SMA male pin to antenna
Lightning Protection	Direct DC ground at antenna connector
DC Surge Protection	At 5 VDC input from transmission cable
Operating Temperature	-20~70°C
Power Supply	6VDC/1.0A
LED Indicators	TX
Dimensions:	Booster : 78 X 56 X 29mm DC Injector : 60 X 44 X 25mm
Weight	Booster : 200g DC Injector : 120g
Certificate	FCC, CE

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