



## PA-2.4G/1.0W

Booster & DC Injector for 2.4GHz Wireless LAN, 1.0W, N-Type

PheeNet PA-2.4G/1.0W is an 802.11b 2.4~2.5GHz 1000mW Outdoor booster, come with a DC injector operating in Bi-directional TDD technology and it is for Outdoor Long Distance especially. User can apply PA-2.4G/1.0W with Indoor AP or Bridge and PheeNet antenna range to extend the range and signal quality of wireless radio communication in outdoor application especially.

### 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. Compatible with IEEE 802.11b
5. Extending transmission distance
6. Enhance signal strength

# Specification

Specification for Booster	
Frequency Band	2.4 ~ 2.5GHZ
Operating Mode	Bi-directional TDD
Transmitter Output Power	automatically adjusts to 1W (30dBm) power output
Transmitter Input Power	Min: 0dBm (1mw) Max: 20dBm (100mw)
Receiver Input Power	Max: 5dBm (3mw)
Receiver Gain	18 dB typical
Frequency Response Flatness	±1 dB over operating range
Noise Figure	< 4 dB
Switching Time	< 1 us
Connectors	N-Type Female
Dimensions:	120 x 72 x 17.5mm
Weight	380g
Operating Temperature	-30°C to +70°C
Specification for DC Injector	
Input Power	9V, 2.5A
Connectors	N-Type Female
Dimensions:	99.1 x 53.5 x 21.2mm
LED Indication:	Transmit: Green / Receive: Red
Weight	380g

## PheeNet Technology Corp.

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