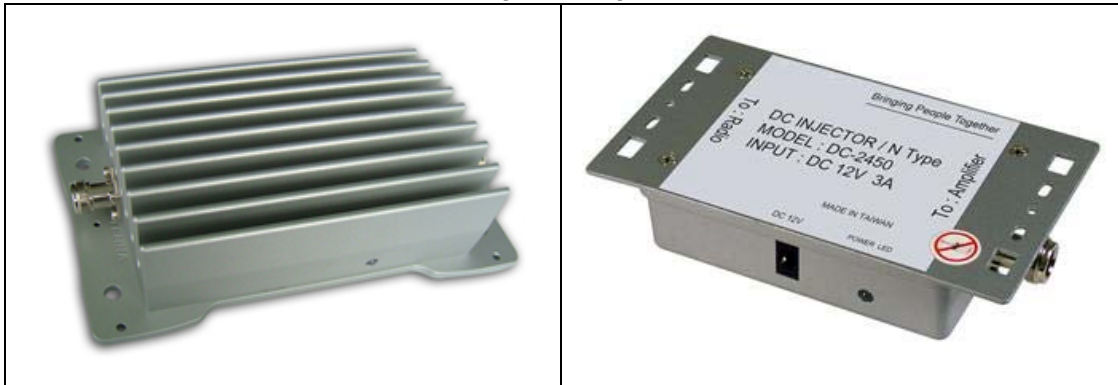


PA-2450

2.4GHz Bi-directional Amplifier for WLAN (5-watt)







Feature & Highlights

- Super Hi-Power 5W/Max
- For IEEE802.11b
- TX/ RX LED Indication
- Auto Gain Adjustment
- DSSS/TDD
- True Outdoor unit, weather-proof, operating under $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Least gain loss of antennas, highest transmission efficiency
- POE (Power over Ethernet) design, best performance with most stability

Specification

Output Power	+37dBm/Max (5 watts)
Operating Range	2400-2500 MHz
Operating Mode	Bi- Directional TDD
Transmit Gain	up to 26dB
Frequency Response	$\pm 1\text{dB}$
TX/ RX Switch Time	<2 uSec
TX Input Power	0dBm Min / 23dBm Max
Receiver Gain	15-18dB, 17dB typical
Noise Figure	3.5dB typical
Connectors	N Type, 50 Ohm
Lightning Protection	Quarter Wave Technology
Power Consumption	Tx : <3A / Rx : <180mA @ 12 VDC

LED Indication	Transmit : Green / Receive : Red
AMP Dimensions	190L x 110W x 55H (mm)
Operating Temperature	-35°C to +70°C

Accessories	
DC Injector (POE)	
	
PA-2450-ODU	DC-2450
	
Bracket Kit	Switch Adaptor