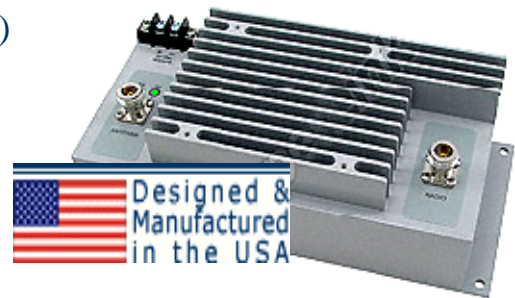


High Power 2.4 GHz 802.11b and 802.11g (b/g)
Compatible Bi-Directional WiFi Amplifiers
with Active Power Control.



Features :

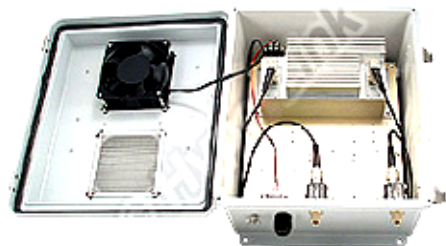
- Designed 32W FET for maximum linearity
- Various Model with Output Power 100mWatt to 2Watt
- Receive Bandpass Filter with Streaming Media Ready.
- Transmit and Receive LEDs with Durable UV-Stable Finish
- 12Volt DC Power Supply with Integral Lightning Protection
- Machine Aluminum Construction with N-Female Connector
- 802.11.g (b/g) model support 108Mbit/sec “Turbo Mode” data rate
- Compatible to IEEE.802.11g (b/g) and 802.11 b only (see below table)
- Indoor and outdoor model available with Optional Weather-Proof enclosure or cooling fan available

Amplifier GTI series are High Power Version of Amplifier for 2.4Ghz spread spectrum wireless LANs. This amplifier is compatible with 802.11g and 802.11b wireless LAN equipment. Our Automatic Power Control (APC) circuit automatically adjusts amplifier gain to provide a constant output power. This unit Consists of receive amplifier (23-28dB gain) and transmit power amplifier with as little as 1mWatt input power.

Our design features 32W FET allowing amplifiers to deliver full rated linear output power in 802.11g mode. The amplifier feature a heavy-duty enclosure machined from a single block of aluminum with 12Volt DC @10.8Amp (130Watt) power supply.

Amplifier Models	Max Output Power	Receive Gain	802.11b	802.11g	Dimension & Weight
PW-2408-GTI	8Watt (32FET)	23-28dB norm.	Yes	Yes	220x108x74mm 1.54 Kg
PW-2410-GTI	10Watt(32FET)		Yes	Yes	
PW-2420-GTI	20Watt(32FET)		Yes	Yes	
PW-2425-GTI	25Watt(32FET)		Yes	Yes	
PW-2408-GT	8Watt (32FET)	23-28dB norm.	Yes	Yes	39x34x22mm 7.62 Kg
PW-2410-GT	10Watt (32FET)		Yes	Yes	
PW-2420-GT	20Watt (32FET)		Yes	Yes	
PW-2425-GT	25Watt (32FET)		Yes	Yes	

Our GT Series is ideal for outdoor application with weatherproof enclosure with a thermostat controlled cooling fan. These enclosures feature fiberglass construction, stainless steel quick release latches with padlock and integrated mounting flange.



General Specification :

Frequency	2400-2500Mhz
Receive Gain	23dB (max 28dB)
Max Input Power	100mWatt (20dBm)
Operating Mode	Bi-Directional, Half-duplex Time Division Duplex. Senses RF Carrier from transmitter and automatically switches from receive to transmit mode.
Water Resistant	NEMA 3R / IP42 (for outdoor version)
Enclosure Material	Fiberglass Reinforced Polyester with Gray Color (for outdoor version)
Enclosure Flame Rating	UL-94-5V
Operating Temperature	-40 ⁰ C to 50 ⁰ C
Current Draw	10Amp Peak Tx and 0.15Amp Peak Rx
Supply Voltage	12Volt DC+/- 1Volt

Note : Our Bi-Directional Amplifier is designed for burst half-duplex operation. It is not intended for constant transmit or CW operation. Operation of the amplifier in CW mode will damage the amplifier and void the warranty.