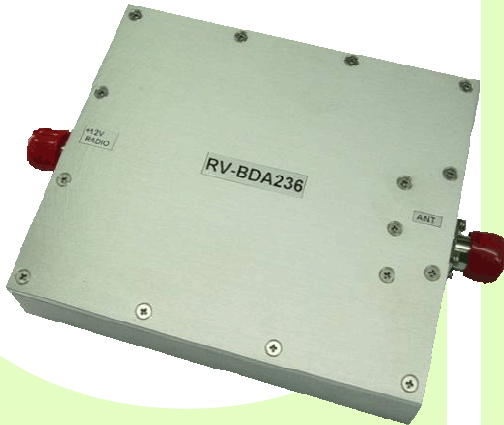


WLAN_BDA236



Features

- Frequency Range 9.7 ~10GHz
- 50W pulsed output power
- 25KHz(40us period) / 1.2% duty cycle pulsed operation
- 200ns pulse delay
- 20ns rising / falling time
- -167dBm/Hz output noise @ pulse off state
- 90° hybrid combined GaAsFET design

Applications

- X-band radar transmitters

Specifications

Specification		WLAN_BDA236
Frequency Range		2,400 ~ 2,480 MHz
TDD Switching Time		1us
Cable loss compensation AGC		0~10 dB
UP Link	N/F	3.5 dB
	Gain @ 0dB AGC	22 ± 1 dB
	Gain @ 10dB AGC	12 ± 1 dB
	Gain flatness	±1.5 dB
DOWN Link	Pout (peak power)	36 dBm
	Gain @ 0dB AGC	26 ± 1 dB
	Gain @ 10dB AGC	16 ± 1 dB
	Gain flatness	±1.5 dB
	input power (AGC) range	+10 ~ +20 dBm
	Sync level	0 dBm <min>
Connector		N-female (water proof)
Case		weatherproof
Lighting protection		Direct DC ground at Antenna port
Operating temperature		-20 ~ +60 deg C
DC	voltage	+12 V
	surge protection	600W TVS @+15 V
	Current	4.7A (TDD ON)
LED	Red	DOWN Link ON