

## CR-DIGG0918WB

GSM900/1800 Dual-band

### Key Features

- Dual band for 900MHz/1800MHz antenna-sharing systems
- A wide range of products with various output power
- Higher gain up to 75dB, lower requirement for input signals
- High linear PA
- Gain is adjustable, which enables more flexible applications
- LED indicator for convenient observing equipment operation status
- ALC function to stable coverage effect
- Low power consumption, low interference



### Specifications

ELECTRICAL				
Range	GSM900/ GSM1800			
Frequency	UL: 890-915MHz & 1710-1785 MHz DL: 935-960MHz & 1805-1880MHz			
Output Power	DL:10 dBm UL:10 dBm	DL:15 dBm UL:10 dBm	DL:20 dBm UL:15 dBm	DL:24 dBm UL:20 dBm
Gain	DL:≥60 dB UL:≥60 dB	DL:≥65 dB UL:≥60 dB	DL:≥70 dB UL:≥65 dB	DL:≥75 dB UL:≥70 dB
Gain Adjust Range	≥30dB; 1dB/step			
AGC Range	≥20dB			
Noise Figure	≤6dB			
Ripple in Band	≤8dB			
Time Delay	≤1.5μs			
Intermodulation	9-1GHz	UL≤-36dBm@ 3KHz DL≤-20dBm@ 3KHz		
	1-12.75GHz	UL≤-30dBm@ 3KHz DL≤-20dBm@ 3KHz		
Spurious Emission	9-1GHz	≤-36dBm@ 3KHz		
	1-12.75GHz	≤-30dBm@ 3KHz		
VSWR	≤2.0			
Port Impedance	50Ω			
POWER, MECHANICAL & ENVIRONMENTAL				
Weight	<2 kg		<4 kg	
Dimension	250×145×53 mm		268×255×58mm	
Installation Mode	Wall installation (Normal)			
RF Connection	N Female			
Power Supply	AC90—240V/DC 9V			
Temperature	-25~+55℃			