

**CR-DIGW1821WB**
**1800MHz/2100MHz Dual-band**
**Key Features**

- Dual band for 1800MHz/2100MHz antenna-sharing systems
- A wide range of products with various output power
- Higher, 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**

<b>Frequency</b>	UL:1710-1785MHz & 1920-1980MHz DL:1805-1880MHz & 2110-2170MHz		
<b>Output Power</b>	DL:20±2dBm UL:15±2dBm	DL:24±2dBm UL:20±2dBm	DL:27±2dBm UL:24±2dBm
<b>Gain</b>	DL: 70±2dB UL: 65±2dB	DL:75±2dB UL:70±2dB	DL:80±2dB UL:75±2dB
<b>Gain Adjust Range</b>	≥30dB; 1dB/step		
<b>AGC Range</b>	≥20dB		
<b>Noise Figure</b>	≤8dB		
<b>Ripple in Band</b>	1800MHz≤10dB; 2100MHz≤6dB		
<b>Time Delay</b>	≤1.5μs		
<b>Intermodulation</b>	9-1GHz	UL≤-36dBm@ 3KHz DL≤-20dBm@ 3KHz	
	1-12.75GHz	UL≤-30dBm@ 3KHz DL≤-20dBm@ 3KHz	
<b>Spurious Emission</b>	9-1GHz	≤-36dBm@ 3KHz	
	1-12.75GHz	≤-30dBm@ 3KHz	
<b>VSWR</b>	≤2.0		
<b>Port Impedance</b>	50Ω		

**POWER, MECHANICAL & ENVIRONMENTAL**

<b>Weight</b>	<2.5 kg
<b>Dimension</b>	250×145×53 mm
<b>Installation Mode</b>	Wall installation (Normal)
<b>RF Connection</b>	N Female
<b>Power Consumption</b>	<25 W (24dBm & 27dBm < 35W)
<b>Power Supply</b>	AC90—240V/DC 12V/3A
<b>Temperature</b>	-10~+50℃
<b>Chassis</b>	IP40 Metal