

**CR-DOGW0821WB**
**800/2100MHz Dual-band**
**Key Features**

- Wideband – Support 800/2100MHz Multi-services
- Using super-linear PA guarantees high performance of out-of-band rejection, lower spurious emission and interference
- Auto protection for self-excitation resistance
- ALC function for automatic output control
- Software for local monitor and configuration
- Remote Control and Monitoring via OMT/OMC


**Specifications**

<b>ELECTRICAL</b>						
<b>Frequency</b>		UL:824-849MHz & 1920-1980MHz      DL:869-894MHz & 2110-2170MHz				
<b>Output Power</b>	DL	30dBm	33dBm	37dBm	40dBm	43dBm
	UL	30dBm	33dBm	33dBm		
<b>Max Input Power</b>		13dBm				
<b>Gain</b>		85±3dB		90±3dB		95±3dB
<b>Gain Adjustment Range</b>		≥30dB; 1dB/step				
<b>AGC Range</b>		≥25dB				
<b>IMD3</b>		≤-40dBc				
<b>Spurious Emission</b>		9KHz-1GHz: ≤-36dBm/30KHz; 1GHz-12.75GHz: ≤-30dBm/100KHz				
<b>Out-of-Band Rejection</b>		≤-40dBc @±2.5MHz		≤-50dBc @±10MHz		
<b>Noise Figure</b>		≤5dB				
<b>Ripple in Band</b>		≤6dB				
<b>Time Delay</b>		≤5μs				
<b>VSWR</b>		≤1.5				
<b>Port Impedance</b>		50Ω				
<b>POWER, MECHANICAL &amp; ENVIRONMENTAL</b>						
<b>Power Supply</b>		AC 110V-240V				
<b>Power Consumption</b>		≤280W				
<b>Dimension</b>		630×410×234 mm				
<b>Weight</b>		38Kg				
<b>RF Connection</b>		N -F				
<b>Operating Temperature</b>		-13 to +131 °F (-25~+55°C)				
<b>Housing Specification</b>		IP65				
<b>MTBF</b>		≥50,000				