

CR-DOGW0921WB
900/2100MHz Dual-band
Key Features

- Wideband – Support 900/2100MHz 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

ELECTRICAL						
Frequency		UL:890-915MHz & 1920-1980MHz DL: 935-960MHz & 2110-2170MHz				
Output Power	DL	30dBm	33dBm	37dBm	40dBm	43dBm
	UL	30dBm	33dBm	33dBm		
Max Input Power		13dBm				
Gain		85±3dB		90±3dB		95±3dB
Gain Adjustment Range		≥30dB; 1dB/step				
AGC Range		≥25dB				
IMD3		≤-40dBc				
Spurious Emission		9KHz-1GHz: ≤-36dBm/30KHz; 1GHz-12.75GHz: ≤-30dBm/100KHz				
Out-of-Band Rejection		≤-40dBc @±2.5MHz		≤-50dBc @±10MHz		
Noise Figure		≤5dB				
Ripple in Band		≤6dB				
Time Delay		≤5μs				
VSWR		≤1.5				
Port Impedance		50Ω				
POWER, MECHANICAL & ENVIRONMENTAL						
Power Supply		AC 110V-240V				
Power Consumption		≤280W				
Dimension		630×410×234 mm				
Weight		38Kg				
RF Connection		N -F				
Operating Temperature		-13 to +131 °F (-25~+55°C)				
Housing Specification		IP65				
MTBF		≥50,000				