

CR-SOW21WB Series
2100MHz Single-band
Key Features

- Wideband – Support Multi-Operator and Multi-System
- 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

Models	CR-SOW21WB-27/30/33/37/40/43						
Frequency	UL:1920-1980MHz DL:2110-2170MHz						
Output Power	DL	27dBm	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			≤-60dBc @±10MHz			
Waveform Quality	0.960 Min						
Error vector Magnitude	≤12.5%						
Peak Code Domain Error	≤-35dB						
Noise Figure	≤5dB						
Ripple in Band	≤3dB						
Time Delay	≤5μs						
VSWR	≤1.5						
Port Impedance	50Ω						

POWER, MECHANICAL & ENVIRONMENTAL

Power Supply	AC 90V-240V
Power Consumption	≤200W
Dimension	590×437×253 mm
Weight	≤30kg
RF Connection	N-F
Operating Temperature	-13 to +131 °F (-25~+55°C)
Housing Specification	IP65
MTBF	≥50,000