

CR-SOI08WB Series
800MHz 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-SOI08WB-27/30/33/37/40/43					
Frequency		UL: 806-824MHz DL: 851-869MHz					
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		
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					