

CR-SOI08BS Series
800MHz
Key Features

- Bands movable , up to two sub-bands, enables more flexible applications
- Using super-linear PA guarantees high performance of out-of-band rejection, lower spurious emission and interference
- ALC function for automatic output control
- Software for local monitor and configuration


Specifications
ELECTRICAL

Frequency	UL: 806-824MHz DL: 851-869MHz					
No. of Sub-band	1 or 2 bands					
Working Bandwidth	1 or 2 selective bands, each band 200KHz-40MHz adjustable					
Output Power	DL	30dBm	33dBm	37dBm	40dBm	43dBm
	UL	30dBm	33dBm	33dBm		
Max Input Power	10dBm					
Gain	90dB					
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	≤-30dBc @±400KHz ≤-40dBc @±600KHz ≤-50dBc @±2.5MHz ≤-60dBc @±5MHz					
Noise Figure	≤5dB					
Ripple in Band	≤3dB					
Time Delay	≤15μs					
VSWR	≤1.5					
Port Impedance	50Ω					

POWER, MECHANICAL & ENVIRONMENTAL

Power Supply	AC 90V-240V
Power Consumption	≤400W
Dimension	590×437×253 mm
Weight	≤30kg
RF Connection	N-F
Operating Temperature	-25℃ – +55℃
Housing Specification	IP55
MTBF	≥50,000