

**CR-SOG19WB Series**
**1900MHz 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							
<b>Models</b>		CR-SOG19WB-27/30/33/37/40/43					
<b>Frequency</b>		UL:1850-1910MHz DL:1930-1990MHz					
<b>Output Power</b>	DL	27dBm	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			≤-60dBc @±10MHz		
<b>Noise Figure</b>		≤5dB					
<b>Ripple in Band</b>		≤3dB (SPAN>30MHz@≤6dB)					
<b>Time Delay</b>		≤5μs					
<b>VSWR</b>		≤1.5					
<b>Port Impedance</b>		50Ω					
POWER, MECHANICAL & ENVIRONMENTAL							
<b>Power Supply</b>		AC 90V-240V					
<b>Power Consumption</b>		≤200W					
<b>Dimension</b>		590×437×253 mm					
<b>Weight</b>		≤30kg					
<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					