



## C37C-GSM

Electrical Specification		Uplink	Downlink
Frequency Range		890 ~ 915 MHz	935 ~ 960 MHz
Max.Gain		85±2 dB	87±2 dB
Bandwidth		25MHz	
Manual Gain Control		31dB in step of 1dB	
Automatic Gain Control		> 31dB	
Ripple in Band		±2.5dB (P-P)	
Max. Input Power Without Damage		0 dBm	
Output Power		≥25 dBm/one carrier	≥37 dBm/one carrier
		≥22 dBm/two carriers	≥34 dBm/two carriers
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	≤ -45 dBc
	1GHz~12.75GHz	≤ -30 dBm	≤ -30 dBm
Spurious Emission	9KHz~1GHz	≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm	≤ -30 dBm
Noise Figure @ max. gain		≤ 5 dB	
Return loss		≤ -14 dB	
Time Delay		≤ 4.5 μs	
MTBF		>50000 hours	
Power Supply		AC: 90~265V, 50/ 60Hz	
Power Consumption		< 100W	
Impedance		50 ohm	
Input Singnal Level (LED)	Normal	At the edge of green and orange ( -50dBm or more )	
	Low	Green	
	High	1-5dB range: Orange; >20dB: Red	
Mechanical Specification			
RF Connector		N-Female	
Cooling		Heatsink Convection cooling	
Dimensions (D x W xH )		340*450*175 (mm)	
Weight		< 17 Kg	
Installation Type		Wall Installation (or Pole Mount)	
Environment Conditions		IP65	
Humidity		< 90%	
Operating Temperature		-10℃ ~ 55℃	

