



C27C-GD

Electrical Specification		Uplink	Downlink
Frequency Range	GSM	890 ~ 915 MHz	935 ~ 960 MHz
	DCS	1710 ~ 1785 MHz	1805 ~ 1880 MHz
Max.Gain		≥ 75dB	≥ 77dB
Output Power		≥ 20dBm	≥ 27dBm
Gain Adjust Range		31dB in step of 1dB	
Automatic Gain Control		> 20dB	
Ripple in Band		GSM ≤ 8dB (P-P) ; DCS ≤ 10dB (P-P)	
Max. Input Power Without Damage		0dBm	
Intermodulation Products	9KHz~1GHz	≤ -36dBm	≤ -45dBc
	1GHz~12.75GHz	≤ -30dBm	≤ -45dBc
Spurious Emission	9KHz~1GHz	≤ -36dBm	≤ -36dBm
	1GHz~12.75GHz	≤ -30dBm	≤ -30dBm
Noise Figure		< 8dB	
VSWR		≤ 2	
Time Delay		≤ 0.5μs	
MTBF		> 50000hours	
Power Supply		AC160~264V, 50/ 60Hz	
Impedance		50 ohm	
LED indication	Power LED	DC ON/OFF	
	Alarm LED	ALC 1~5dB,orange	
		ALC 20~25dB,red	
Mechanical Specification			
I/O Port		N-Female	
Dimensions (D x W xH)		275*268*58 mm	
Weight		≤ 4.5Kg	
Installation Type		Wall Installation	
Environment Conditions		IP40	
Environmental Specifications			
Humidity		< 90%	
Operating Temperature		-10℃~55℃	