

C37C-GD

Items		Uplink	Downlink
Frequency Range	GSM	890 ~ 915 MHz	935 ~ 960 MHz
	DCS	1710 ~ 1785 MHz	1805 ~ 1880 MHz
Bandwidth	GSM	25 MHz	25 MHz
	DCS	75 MHz	75 MHz
Output Power	GSM	27±2 dBm	37±2 dBm
	DCS	27±2 dBm	37±2 dBm
Gain	GSM	85±2 dB	85±2 dB
	DCS	85±2 dB	85±2 dB
ATT(GSM) step of 1 dB	1~10 dB	Δ ≤1 dB	Δ ≤1 dB
	10~20 dB	Δ ≤1 dB	Δ ≤1 dB
	20~25 dB	Δ ≤1.5 dB	Δ ≤1.5 dB
ATT(DCS) step of 1 dB	1~10 dB	Δ ≤1 dB	Δ ≤1 dB
	10~20 dB	Δ ≤1 dB	Δ ≤1 dB
	20~25 dB	Δ ≤1.5 dB	Δ ≤1.5 dB
ALC Active 10 dB	GSM	Δ ≤2 dB	Δ ≤2 dB
	DCS	Δ ≤2 dB	Δ ≤2 dB
Ripple in Band	GSM	≤8 dB	≤8 dB
	DCS	≤10 dB	≤10 dB
Intermodulation Products	GSM	≤-45 dBc	≤-45 dBc
	DCS	≤-45 dBc	≤-45 dBc
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
Noise Figure @ max. gain	GSM	≤6 dB	≤6 dB
	DCS	≤6 dB	≤6 dB
VSWR	GSM	≤2	≤2
	DCS	≤2	≤2
Time delay	GSM	≤1.5 μs	≤1.5 μs
	DCS	≤1.5 μs	≤1.5 μs
LED Indication	Power ON	Green	
	Power OFF	No Light	
Alarm (GSM)	ALC not Active	—	Green
	ALC Active 5-10dB	—	Orange
	ALC Active 15-20dB	—	Red
Alarm (DCS)	ALC not Active	—	Green
	ALC Active 5-10dB	—	Orange
	ALC Active 15-20dB	—	Red
Power Supply		AC: 220V/50Hz	
Power Consumption		<150W	

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Items	Uplink	Downlink
Environment Conditions	IP65	
Humidity	< 90%	
Operating Temperature	-10°C ~ +55°C	