



Product Features:

- ◆ OLED display for an easy glance of operating status, working frequency, gain and output power etc.;
- ◆ ISO function, easy to set up for engineering, quickly installed and debugged;
- ◆ Able to enhance signal coverage, reduce cell phone radiation and extend cell phone battery working time;
- ◆ Digital ALC technology, auto limit the output power to ensure stable signal coverage;
- ◆ Uplink squelch function;
- ◆ Automatic link balancing function;
- ◆ Manual gain control, with 1dB step to attenuate the gain among the range of 31dB
- ◆ Coverage in 6000 square meters by no barrier;
- ◆ MTBF can be up to 100000 hours.

Model List:

MODEL	Frequency Range of Up link	Frequency Range of Down link
C37J-B5	824 ~ 849 MHz	869 ~ 894 MHz
C37J-B8	890 ~ 915 MHz	935 ~ 960 MHz
C37J-B3	1710 ~ 1785 MHz	1805 ~ 1880 MHz
C37J-B1	1920 ~ 1980 MHz	2110 ~ 2170 MHz
C37J-B7	2500 ~ 2570 MHz	2620 ~ 2690 MHz
C37J-B20	830 ~ 862 MHz	791 ~ 821 MHz
C37J-B28	708 ~ 748 MHz	763 ~ 803 MHz

Specification:

Item	Up link	Down link	
Output Power	24±2 dBm	37±2 dBm	
Gain	80±2 dB	85±2 dB	
Passband ripple	5~15 dB	5~15 dB	
VSWR	≤2	≤2	
Max. Input Power without Damage	-10 dBm	-10 dBm	
EVM	Meet 3GPP standards		
PCDE	Meet 3GPP standards		
ACRR	Meet 3GPP standards		
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
Gain adjustment range	ATT step of 1 dB in 31 dB		
ALC control range	≥30dB		
Power Indicator	Power on	Green	
	Power off	No light	
ALC Alarm LED Indication	Not Active	—	Green
	Active 5~25dB	—	Orange
	Active >25dB	—	Red
ISO alarm Indication	Normal	—	Green
	Lower 60~75 dB	—	Orange
	Lower ≤55 dB	—	Red
Man-machine dialogue function	OLED UI		
Monitoring method	USB		
Idle shutdown function	Yes		
Self-oscillation elimination	Yes		
Auto shut-off Functions	Yes		
Noise Figure@ max. gain	≤6 dB	≤6 dB	
Time Delay	≤1.5 μs	≤1.5 μs	
Power Supply	AC: 220V		
RF Connector	N-Female		
Protection Grade	IP65		
Operating Humidity	< 90%		
Operating Temperature	-10℃ ~ +55℃		
Dimension (With packaging)	370*332*137mm		
Weight (With packaging)	<12kg		