



### 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
C43J-B5	824 ~ 849 MHz	869 ~ 894 MHz
C43J-B8	890 ~ 915 MHz	935 ~ 960 MHz
C43J-B3	1710 ~ 1785 MHz	1805 ~ 1880 MHz
C43J-B1	1920 ~ 1980 MHz	2110 ~ 2170 MHz
C43J-B7	2500 ~ 2570 MHz	2620 ~ 2690 MHz
C43J-B20	830 ~ 862 MHz	791 ~ 821 MHz
C43J-B28	708 ~ 748 MHz	763 ~ 803 MHz

## Specification:

Item		Up link	Down link
Output Power		24±2 dBm	43±2 dBm
Gain		90±2 dB	95±2 dB
Passband ripple		6~15 dB	6~15 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	9KHz~1GHz	≤-36 dBm	≤-36 dBm
Emission	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 70~85 dB	—	Orange
	Lower ≤65 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)		490*410*190mm	
Weight (With packaging)		<25kg	