

C10G Series Single Band Repeater



Product Description :

In the densely populated communities, the mobile phone signals in many houses tend to be very weak, and it is impossible to use the mobile phone or the Internet at home.

The C10G series single band cell phone signal amplifier is designed to solve the mobile phone signal coverage in small-area. It is compact and easy to install. The white appearance goes perfectly with the white walls of most houses, and it does not spoil the harmony of the room. C10G series has multiple models to respectively support B1, B2, B3, B5, B7, B8, B12, B13, B20 and other commonly used frequency bands around the world. The amplifier features 10dBm output power, enough to cover about 150 square meters. Taking the right model, the user can easily solve the signal coverage problem in the house.

Product Features:

- Integrated cast aluminum casing, simple but beautiful shape;
- 1dB stepping, manual gain attenuation within 0-15dB range;
- ALC function;
- ALC active status alarming;
- Low-noise design and no interference to the base station;
- High quality genuine parts, MTBF as much as 10,000 hours;

Model List :

Model Number	UL Frequency Range	DL Frequency Range
C10G-GSM	890 ~ 915 MHz	935 ~ 960MHz
C10G-EGSM	880 ~ 915 MHz	925 ~ 960MHz
C10G-CDMA	824 ~ 849 MHz	869 ~894MHz
C10G-DCS	1710 ~ 1785 MHz	1805 ~ 1880 MHz
C10G-WCDMA	1920 ~ 1980 MHz	2110 ~ 2170MHz
C10G-LTE20	830 ~ 862 MHz	791 ~ 821 MHz
C10G-LTE28	708 ~ 748 MHz	763 ~ 803 MHz
C10G-LTE7	2500 ~2570 MHz	2670 ~2690 MHz

Technical Specifications:

Items	UL	DL
Gain	60 ± 2 dB	60 ± 2 dB
Ripple	≤8dB	
ALC Active	△≤1dB	
Output Power	10 ± 2 dBm	10 ± 2 dBm
Inter-modulation Attenuation	≤-36 dBm	≤-36 dBm
SpuriousEmission	9KHz~1GHz	≤-36 dBm (RBW=30KHz)
	1GHz~12.75GHz	≤-30 dBm (RBW=1MHz)
Noise Figure	≤8 dB	
ATT step of 1dB	5dB	△ < 1dB
	10dB	△ < 2dB
	15dB	△ < 3dB
VSWR	≤2.5	
Time Delay	≤0.5 μs	
Power Supply	DC: + 5V	
Power Consumption	≤4W	
Power indicator	Power on: bright green; power off: no light	
ALC Alarm Indicator	Not Active	Green
	Active 5~10dB	Orange
	Active 15~20dB	Red
Operating Temperature	-10°C ~ +50°C	
Size	139*88*20mm	
Weight	≤0.5 Kg	