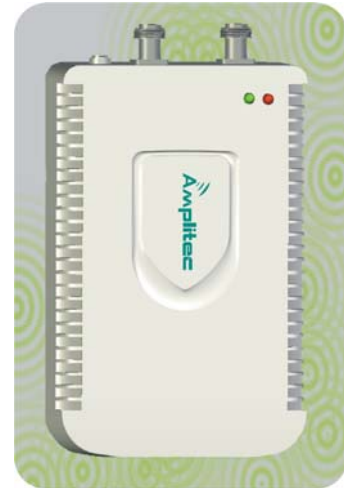




Foshan Amplitec Tech Development Co., Ltd
 Second Floor, No.40, First East TongHua Rd,
 ChanCheng Dist., FoShan528000, GuangDong, China
 Tel: (86)757-83308238 ext 832 Fax: (86)757-8312392

Features

- * Compact size, low consumption, easy installation, great cover.
- * Cover about 100~1500 m² without block or obstruct
- * Reduce cellphone transmit power and radiation,
Extend cellphone battery life.
- * High linear design, low interference to BTS



Modules Selection

C10-GD, C10-CP, C10-GW, C10-CW

Electrical Specifications

(1 of 2)

Items		Uplink	Downlink
Frequency Range	GSM900+DCS	890 ~ 915 MHz/1710 ~ 1785 MHz	935 ~ 960 MHz/1805 ~ 1880 MHz
	CDMA+PCS	824 ~ 849 MHz/1850 ~ 1910 MHz	869 ~ 894 MHz/1930 ~ 1990 MHz
	GSM900+WCDMA	890 ~ 915 MHz/1920 ~ 1980 MHz	935 ~ 960 MHz/2110 ~ 2170 MHz
	CDMA+WCDMA	824 ~ 849 MHz/1920 ~ 1980 MHz	869 ~ 894 MHz/2110 ~ 2170 MHz
Max.Gain		≥ 65 dB	≥ 65 dB
Automatic Gain Control		> 20dB	
Bandwidth		Wide Band	
Ripple in Band		CDMA、GSM ≤ 8dB ; DCS、PCS ≤ 10dB; WCDMA ≤ 6dB	
Max. Input Power Without Damage		0 dBm	
Output Power		≥ 10 dBm	≥ 10 dBm
Intermodulation Products	9KHz~1GHz	≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm	≤ -30 dBm
Spurious Emission	9KHz~1GHz	≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm	≤ -30 dBm
Spurious Emission Mask(WCDMA)		Complies with 3GPP TS 25.106	
Modulation Accuracy(WCDMA)		Complies with 3GPP TS 25.106	
Peak Code Domain Error(WCDMA)		Complies with 3GPP TS 25.106	



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ACRR(WCDMA)	≥ 30dB @±5MHz&±10MHz	
Noise Figure @ max. gain	≤ 8 dB(Typical)	
Return loss	≤ -8 dB	
Time Delay	≤ 0.5 μs	
MTBF	> 50000 hours	
Power Supply	AC: 90~265V, 50/ 60Hz; DC: 9V 2A	
Power Consumption	< 12W	
Impedance	50 ohm	
Mechanical Specifications		
RF Connector	N-Female	
Cooling	Heatsink Convection cooling	
Dimensions (D x W xH)	209*133*41 (mm)	
Weight	< 1.5 Kg	
Installation Type	Wall Installation	
Environment Conditions	IP40	
Humidity	< 90%	
Operating Temperature	-10°C ~ 55°C	
Input Singnal Level	Normal	At the edge of green and orange (-50dBm or more)
	Low	Green
	High	1-5dB range: Orange; >20dB: Red

Standard Package

- 1) AC90-264V,DC9V/2A power supply adapter 1PCS
- 2) AC power cord (EU standard/ US standard/UK standard/ SA standard/China standard etc.) 1PCS
- 3) Installation kit 1PCS
- 4) User manual 1PCS