
Dual-Band GSM&DCS Pico Repeater From <http://www.jammerbooster.com/>

MODEL:	KR-1565GW
SIZE:	320mm *230mm*92mm
PACKAGE:	Neutral packing

Dual-Band GSM900 & WCDMA2100 Pico Repeater/ Signal Booster

Model: KR-1565GW

Introductions:

The Dual-Band GSM900&WCDMA 2100 Pico Band-Selective Repeater provides an affordable solution to solve the indoor signal coverage problems in both GSM900& WCDMA system due to signal fading and attenuation caused by architecture obstacles. And its easy installation and maintenance can help carrier get fast return.

The repeater is working as a relay between the BTS and mobile phones. It picks up the strongest signal from BTS via the Donor Antenna, linearly amplify the signal and then retransmits it via the Indoor Signal Distribution System to the weak/blind mobile signal coverage area. And the mobile signal is also amplified and retransmitted to the BTS via the opposite direction.

The band-selective function can choose to amplify the signal within the customized band.

Features

- n Two signal ports with full duplex design
- n High system gain
- n Linear power amplification to effectively suppress inter-modulation and spurious emission
- n Smart Automatic Level Control (ALC) ensures output level stable and adjustable continuously

n Unique color LEDs to indicate power supply and state and alarm

n Simple installation with external AC/DC adapter

Applications

To expand signal coverage or fill signal blind area where signal is weak or unavailable.

Indoor: Hotels, exhibition centers, basements, shopping malls, offices, parking lots, etc.

Technical Specifications

System		GSM900	WCDMA 2100
Working Frequency (customized)	Uplink	890~915MHz (Customized)	1920~1980 MHz (Customized)
	Downlink	935~960MHz (Customized)	2110~2170 MHz (Customized)
Output Power			15dBm
Gain			? 65dB
ALC&AGC			Support
Voltage Standing Wave Ratio			< 2.0
Spurious Emission	Within working band	? -15dBm/30kHz	Comply with 3GPP TS 25.101
	Out of working band (?f > 2.5MHz)	9kHz~1GHz: ? -36dBm/30kHz	
		1GHz~12.75GHz: ? -30dBm/30kHz	
In-band Inter-Modulation Attenuation		? -40dBc / 30kHz (measured under rated output power)	Comply with 3GPP TS 25.101
In-band Ripple		? 4dB	? 4dB p-p / 3.84MHz
Noise Figure		? 5dB	? 5dB
ACRR	--	(Offset 5MHz) ? 33dBc	
		P < 31 dBm	(Offset 5MHz) ?
		System Delay	