
WCDMA Built-in Antenna Signal Booster From <http://www.jammerbooster.com/>

MODEL:	KR-1545WI
SIZE:	240*164*52mm
PACKAGE:	Neutral packing

WCDMA 2100MHz Built-in Antenna Pico Repeater/Signal Booster

Model: KR-1545WI

Introductions:

The WCDMA Built-in Antenna Pico Repeater/Signal Booster is designed to provide a more cost-effective solution than adding a new Base Transceiver Station (BTS) to improve signal coverage and communication quality in WCDMA system.

The repeater is working as a relay between the BTS and mobile phones. It receives the low-power signal from BTS via the Built-in Donor Antenna, linearly amplifies the signal and then retransmits it via the Built-in Service Antenna to the weak/blind coverage area. And the mobile signal is also amplified and retransmitted to the BTS via the opposite direction.

Features:

- n Automatic system gain Control (AGC) available
- 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 Adopting filter with highly selectivity and low insertion loss eliminates interference between uplink and

downlink

n Easy Installation and Automatic Operation, ready for use

Applications:

No professional configuration required but just Plug and Play, This WCDMA Built-in Antenna Pico Repeater/Signal Booster a quick solution to extend WCDMA signal coverage to small and medium size indoor environment such as houses, hotels, hot spots, shops, offices, meeting rooms, apartments, and so on.

Technical Specifications:

	Items	Specifications
Working Frequency	Uplink	1920-1980MHz
	Downlink	2110-2170MHz
Output power	Uplink	10dBm
	Downlink	15dBm
Maximum Gain (UL and DL)		45dB
ALC (Automatic Level Control)		>45dB
AGC (Automatic Gain Control)		30dB in step of 1dB (Auto)
System noise figure		5dB @ max. gain
Spurious Emission Mask		Comply With 3GPP TS 25.106
Spurious Emission		Comply With 3GPP TS 25.106 (Category B)
Noise Floor		<-47dB
IM3		?-45dBc
Power supply(customized)		100V-240VAC 50Hz
Gain Flatness		?4dB/3.84MHz
Modulation Accuracy		?12.5%
I/O Inter-modulation		Comply with 3GPP TS 25.106
Frequency stability		?0.01ppm
Group Delay		UL?1?s
Peak Code Domain Error		?-35dB@Spreading Factor 256
Weight		1Kg
Size		240*164*52mm

Signalmate

KKS REPEATER



+6dBm
0dBm
-6dBm
-12dBm

Signalmate

KKS REPEATER



- +6dBm
- 0dBm
- 6dBm
- 12dBm



