
GSM 900 ICS Pico Repeater From <http://www.jammerbooster.com/>

MODEL:	KR-1575GI
SIZE:	151mm X 151mm X 26mm
PACKAGE:	Neutral packing

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Introductions:

The GSM 900 ICS PICO Repeater 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 GSM 900 system. And its easy installation and maintenance can help carriers get fast return.

The repeater is working as a relay between the BTS and mobiles. It receives the low-power signal from BTS via the Donor Antenna, linearly amplifies the signal and then retransmits it via the Coverage 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 High system gain
- n Plug-and-Play
- n 30dB Adaptive Echo Interference Cancellation system
- 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 Working frequency bandwidth adjustable

Applications:

To expand signal coverage or fill signal blind area where GSM 900 signal is weak or unavailable.

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



Specifications:

	Items	Specifications
Working Frequency (customized)	Uplink	890MHz –915MHz(customized)
	Downlink	935MHz –960MHz(customized)
Output power	Uplink	10dBm
	Downlink	15dBm
Maximum Gain (UL and DL)		75 dB
Setting of attenuation		30 dB attenuation
System noise figure		5dB @ max. gain
AGC (Automatic Gain Control)		Auto isolation detection and gain control
Power supply		100 V - 240 V AC 50Hz

RF Input / Output connectors

SMA-female

Interface Software

Window 7/Vista/XP base

Interface Cable

Interface cable USB (Laptop) to Repeater

Repeater Setting

Able to manually set gain and attenuation

Weight

1 Kg

Size

151mm X151mmX26mm

I/O Impedance

50?

Serving antenna

Using external antenna

Input Max. for normal work

-55dBm

Gain Stability

3dB

ICS Features

20 dB isolation improvement







