

In-Building Mobile signal Coverage Solutions (IBS)

INTRODUCTION: Our Cellular Room Repeater is a Compact, Cellular Enhancer and Signal Booster, which will provide cellular coverage into your signal blocked areas at low cost.



Product Name: Cellular Room Booster
Product Model: CB-1

CELBOOST signal Booster (CB-1) is used to provide radio frequency (RF) coverage to areas which either lack signal or lack the required signal strength for adequate mobile phone performance. Insufficient coverage may occur both indoors and outdoors and can include such areas as office buildings, parking garages, apartment buildings, shopping malls and residential homes. The weak coverage problem can be solved by installing an active Booster system designed for use in a multitude of installation configurations.

Booster systems provide an effective solution by redirecting, filtering and amplifying the available signal at the pick-up antenna, into the weak coverage area, through a properly selected interior coverage antenna.

Key Benefits of the Cellular Room Repeater

- Greatly improves cell phone performance while in building, eliminating problems such as unstable reception, unclear vocal quality, difficulty in accessing calls and even calls being disconnected.
- Is Suitable for Applications of Indoor Signal Enhancement: offices, houses, shops, stores, super-markets, department stores, hotels, car parks and etc.
- Extends the GSM signal coverage
- Eliminates the "blind" area
- Improve the quality of conversation
- Improves sound quality, range, and system access.
- Reduces dropped calls, signal fades, or no-service conditions.

Specifications:

MODEL	CB-1
System	GSM or CDMA
Frequency Range	800/900/1800Mhz
Gain:	55dB
Inband Flatness	3dB (typical)
Output Power:	23dBm
Load Impedance	50 Ohms
Input/Output VSWR	1.5
Up/ down band isolation	>70 dB min
Input power	DC 12V, 1A
RF I/O connector	N female, 50 Ohm
Dimensions	140 x 108 x 35
Net weight	550g
Coverage area	500-1000 sq. feet area
Standard accessories	Yagi outdoor antenna/ Indoor panel antenna

Indoor Mobile Coverage

