

Features

- High linearity & low noise amplifiers for maximal coverage
- Compact size with high reliability
- Simple installation
- Automatic Gain Control (AGC),
- Automatic gain balance for UL & DL channels
- Designed to transmit GSM signal



Product Description

Cellvine's highly compact indoor repeater has been designed to enhance and extend cellular coverage into small size buildings, restaurants, underground areas, office buildings and other similar indoor environments.

The unit is very simple to install and can be set to automatically obtain maximal coverage.

Installing the unit requires two antennas: one on the outside of the building to receive incoming cellular signals from nearby base stations, and the other antenna inside the indoor coverage area. The unit is connected between the Outdoor & Indoor antennas to amplify both the base station and the mobile cellular signals.

Specifications

Parameter		Specifications
Frequency Range	Down	890-915 MHz (TBD)
	Up	935-960 MHz (TBD)
Output max Power UL& DL		16dBm
System Max Gain		70dB
Noise Figure @ Max Gain		< 8 dB@ max gain , 25C
Pass Band Ripple		≤ 5 dB p-p
Filter Rejection		±400 Khz < 60 dB ±600 Khz < 50 dB ±1Mhz < 35 dB +5 Mhz < 25dB
AGC & Manual Gain Ranges (Uplink & Downlink)		20dB
VSWR		2:1 MAX
Indicators \ Controls		LED : DC power , TX Alarm ,DL Overpower &Shutdown
Dimension		131mm X 232mm X47mm
Connector		N-Type Female
Power Requirements		7.5 VDC, 2A Max. from included power supplier