

## Features

- UMTS compact repeater
- Digital controller with smart measurements and protection features.
- High linearity & low noise amplifiers for maximal coverage.
- Compact size with high reliability
- Simple and self installation
- Automatic Gain Control (AGC)
- Status led for operation induction
- Auto shutdown for High input signals
- Designed to transmit UMTS signals  
And to meet 3GPP Standards.



## Product Description

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

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

## Specifications

Parameter		Specifications
Frequency Range	Down	2110-2170 Mhz-TBD
	Up	1920-1980 Mhz-TBD
Output Composite Power <i>ACLR@16dBm, 2115,1925MHz Test mode 1, 64DPCH, BW=3.84Mhz, 1FA, offset ±5Mhz, Gain=70dB</i>		+16dBm
System Max Gain UL/DL		70 dB ± 2
Noise Figure		≤ 5 dB max gain , 25C
Pass Band Ripple		≤ 5 dB p-p
Out of band Gain from frequency corner <i>according to 3GPP</i>		0.2- 1 Mhz - 60 dB 1 -10 Mhz - 45 dB >10 Mhz - 35 dB
Gain tuning range		30dB in 1dB steps
AGC Output Level		+5...16 dBm 16dBm default
VSWR		2:1 MAX
Operating conditions		Indoor (0 C° to +50C° )
Indicators\Controls		LED'S: DC power , TX Alarm ,DL Overpower &Shutdown
Dimension		210mm X 130mm X 47 mm
Connector		N-Type or SMA Female
Power Requirements		7.5 VDC, 5A Max. from included power supplier