

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 |