

**LTE BAND-SELECTIVE
HIGH POWER PICO-REPEATER**

- **HIGH POWER**
- **HIGH SENSITIVITY**
- **HIGH DYNAMIC RANGE**
- **COMPACT SIZE**

This pico-repeater is intended for use in LTE band indoor systems. It is a very compact and lightweight unit and it is especially advantageous to use it inside the buildings, rooms, tunnels where the field strength is weak. It is a cost effective solution to cover areas, which cannot be covered economically with base stations. It is a very economical solution can be installed easily. Status information such as overload, overtemperature, supply voltage failure, PLL unlock is indicated by red and green LED-s, and also available via USB interface.

Electrical characteristics:

Frequency Band Downlink	2620 – 2690 MHz
Frequency Band Uplink	2500 – 2570 MHz
Frequency Bandwidth (Down/Uplink fixed) (*)	5 – 45 MHz
Frequency Bandwidth (Down/Uplink variable)(**)	45 MHz maximum Center frequency adjustment: with 200kHz step Bandwidth adjustment: with 100kHz step
Mode of Operation	band selective duplex
Linear Output Power	Downlink: +18dBm @ < -30dBm IM products Uplink: +18dBm @ < -30dBm IM products
ICP3	+ 41 dBm typ.
Maximum Output Power (***)	Downlink: 24 dBm Uplink: 24 dBm
Nominal Gain	70 dB
Gain Ripple	± 1.5 dB typ.
Gain Setting	70 to 40 dB in 2 dB steps or adaptive
ALC setting	0dBm to 24dBm with 1dB step
Input Noise Figure	5 dB max.
Harmonics	According to the ETSI regulation < - 30 dBm
Spurious Radiation	According to the ETSI regulation < - 30 dBm
Local Leakage	According to the ETSI regulation < - 30 dBm
RF Connectors	N – female
Control Connector for GUI	USB MINI-B
Supply Voltage	with external 230V AC/DC power supply
Power Consumption	~ 17W
Weight	1kg
Operating temperature range	0 to + 55 °C optional -10 + 55 °C
Application	Indoor

(*) Centre frequency and bandwidth can be specified in the whole LTE band.

(**) Optional.

(***) Adjustable ALC level.

Specifications are subject to change without notice.



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GUI screenshot:

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Outline dimensions (mm):

