



**2700 MHz LTE BAND-SELECTIVE
MACRO-REPEATER**

- **4 W OUTPUT POWER**
- **HIGH SENSITIVITY**
- **HIGH DYNAMIC RANGE**
- **REMOTE CONTROL AND SMS**

This repeater is intended for use in 2700MHz outdoor or indoor LTE systems. It is especially advantageous to use it in villages, or open fields 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. The installation setup and monitoring functions can be made locally through an RS-232 port or remotely GSM modem or Ethernet.

Electrical characteristics:

Frequency Band Downlink	2620 – 2690 MHz
Frequency Band Uplink	2500 – 2570 MHz
Frequency Bandwidth (Down/Uplink) (*)	5 – 45 MHz
Mode of Operation	band selective duplex
Max. ALC level	4 W (+ 36 dBm)
Linear Output Power Downlink / Uplink	+ 36 / 27 dBm @ < - 36 dBm IM products
ICP3 Downlink / Uplink	+ 68 / 54 dBm
Nominal Gain	90 dB
Gain Ripple	± 2 dB typical ± 3 dB max.
Gain Setting	90 to 55 dB in 1 dB steps
Input Noise Figure	< 5 dB @ max. Gain
Harmonics	According to the ETSI regulation
Spurious Radiation	According to the ETSI regulation
Local Leakage	According to the ETSI regulation
RF Connectors	N – female
Supply Voltage	230VAC / 50 – 60 Hz optional 48VDC
Power Consumption	~ 120 W
Weight	25 kg
Operating temperature range	- 20 to + 55 °C
Application	In- or outdoor IP65
Dimension	420 x 400 x 175 mm

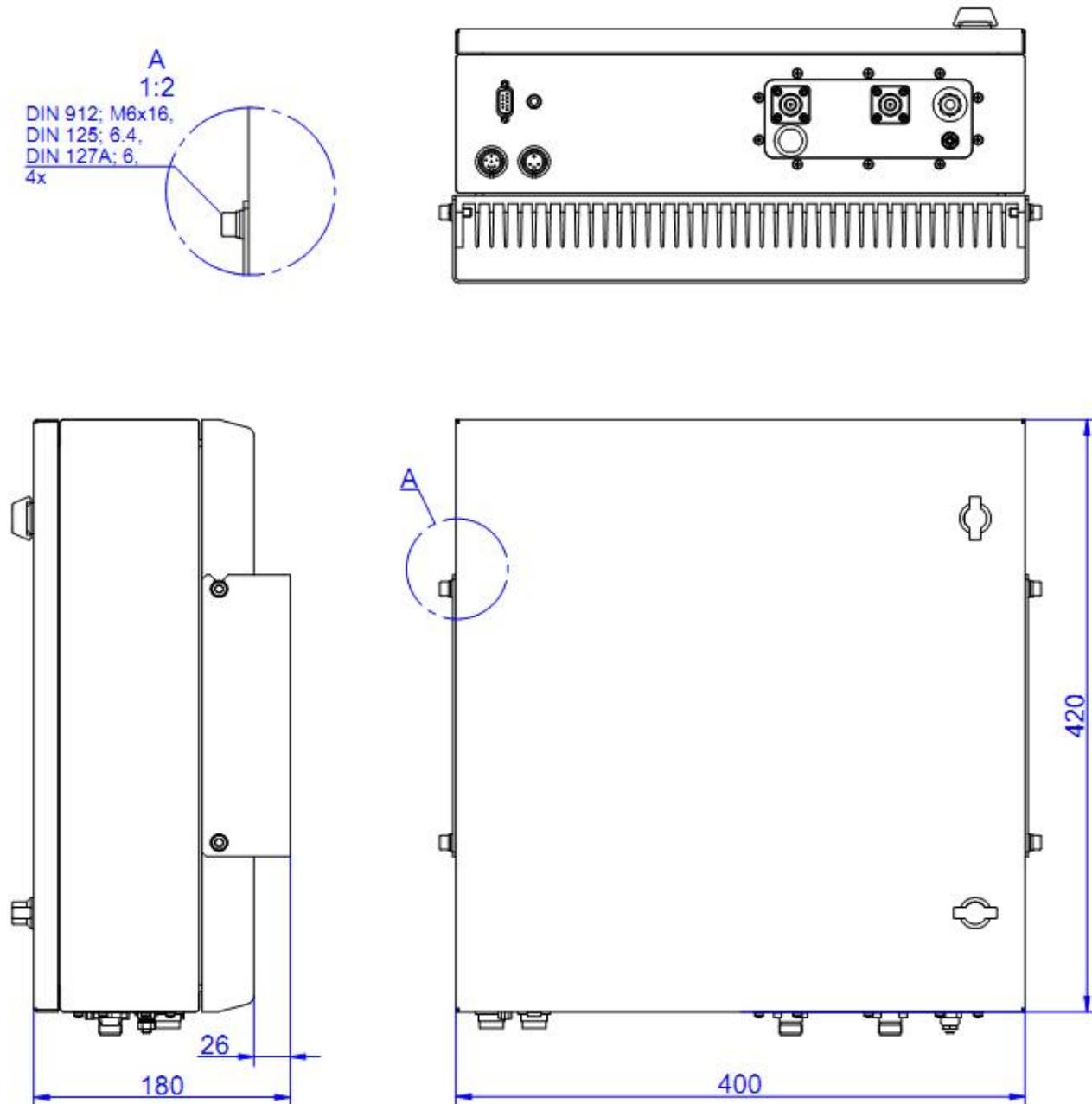
(*) Centre frequency and bandwidth can be specified in the whole LTE band.
Specifications are subject to change without notice.



BRL21

2700 MHz LTE BAND-SELECTIVE MACRO-REPEATER

Outline dimensions (mm):



Optional in 19" rack



BRL21

**2700 MHz LTE BAND-SELECTIVE
MACRO-REPEATER**

Picture:

