
400 MHz TETRA BANDSELECTIVE PICO-REPEATER

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

This pico-repeater is intended for use in 400 MHz indoor TETRA systems. It is a compact and reliable unit and especially advantageous to use it in buildings, or open fields where the field strength is weak. The solution can be effectively used to cover areas, which cannot be covered economically with base stations. This very economical solution can be installed easily, and can be set locally.

Electrical characteristics:

Frequency Band Uplink	380 – 385 MHz *
Frequency Band Downlink	390 – 395 MHz *
Frequency Bandwidth (Downlink/Uplink)	5 MHz
Mode of Operation	band selective duplex
Linear Output Power (Downlink/Uplink)	+ 15 dBm typ. @ downlink + 14 dBm typ. @ uplink
ICP3	+41 dBm typ.
Maximum Output Power ALC	Downlink: 27 dBm
	Uplink: 25 dBm
Nominal Gain	70 dB
Gain Setting	70 to 40 dB in 1 dB steps
Input Noise Figure	< 5 dB typ., 8dB max.
EVM	< 4 % typ.(ETSI regulation < 10 %)
Harmonics	According to the ETSI regulation < - 36 dBm
Spurious Radiation	According to the ETSI regulation < - 36 dBm
Local Leakage	According to the ETSI regulation < - 36 dBm
RF Connectors	N – female
Supply Voltage	with external 230V AC/DC power supply
Power Consumption	~ 18 VA
Weight	1.2 kg
Operating temperature range	0°C to + 40°C optional -10°C + 50°C
Application	Indoor
Dimension	185 x 150 x 32 mm

* Available in any other standard TETRA bands too
Specifications are subject to change without notice.



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Outline dimensions (mm):

