

400 MHz TETRA CHANNEL SELECTIVE REPEATER

- UP TO 4 CHANNELS
- HIGH SENSITIVITY
- HIGH DYNAMIC RANGE
- COMPACT SIZE

This repeater is intended for use in 400 MHz outdoor TETRA systems. It is a compact and reliable unit and 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 by base stations. It is a very economical solution, can be installed easily, can be monitored and set by remote control software.

Electrical characteristics:

Frequency Band Uplink	380 – 385 MHz
Frequency Band Downlink	390 – 395 MHz
Frequency Bandwidth (Up/Downlink)	5 MHz
Channel Spacing	25 kHz
Mode of Operation	channel selective duplex
Output power downlink	33 dBm / carrier @ 4 channels
Output power uplink	30 dBm / carrier @ 4 channels
Max. ALC level	33 dBm / channel
Nominal Gain	90 dB
ICP3	> 76 dBm downlink / > 70 dBm uplink typ.
Gain Setting	90 to 50 dB in 1 dB steps
Input Noise Figure	< 4 dB typ. < 6 dB max
EVM	According to the ETSI regulation (< 10%)
Out of band Gain	According to the ETSI regulation
Harmonics	According to the ETSI regulation
Spurious Radiation	According to the ETSI regulation
Local Leakage	According to the ETSI regulation
Local RS232 & Remote control & SMS	Yes
Operating temp.	0 to + 50 °C
Supply Voltage	230V / 50 Hz AC 240-350 W
Weight	50 kg
Application	Outdoor
Dimension	580 x 400 x 214 mm

(*) Specifications are subject to change without notice.

Outline dimensions (mm):

