



CHANNEL SELECTIVE GSM OFFSET REPEATER

- 2W OUTPUT POWER
• NO ANTENNA ISOLATION REQUIREMENT
• HIGH SENSITIVITY
• HIGH DYNAMIC RANGE
• FULL REMOTE CONTROL
• EDGE COMPATIBILITY

This system uses two repeaters as one pair in a special configuration. One of them is located near to the base station. A small part of the transmitted 900 MHz RF power is coupled out and this signal is converted to the 1800 MHz GSM band and transmitted to the far side counterpart.

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 and the isolation between the repeater antennas is small. It is a cost effective solution to cover areas, which cannot be covered economically with base stations.

Electrical characteristics:

Table with 5 columns: Parameter, Base station side converter unit (BRPB13), Far side offset unit (BRP013), Downlink, Uplink. Rows include: Number of channels, Input frequency, Output frequency, Channel Spacing, Gain, Gain setting range, Noise Figure, Max. ALC level, Factory setting, ICP3, Out of band Gain, Harmonics, Spurious Radiation, Local Leakage, Local RS232 & Remote control, Operating temp., Supply Voltage, Weight, Application, Dimension.

(*) Channel frequency can be specified in the whole GSM band.

(**)In case of 2 channel setup the output power can be set to +39 dBm.

Specifications are subject to change without notice.

