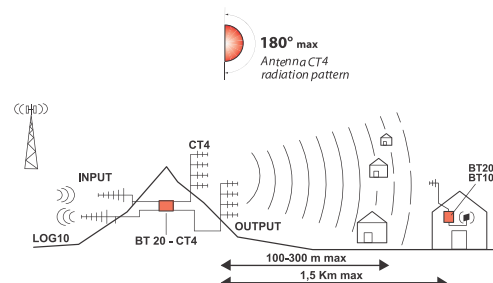
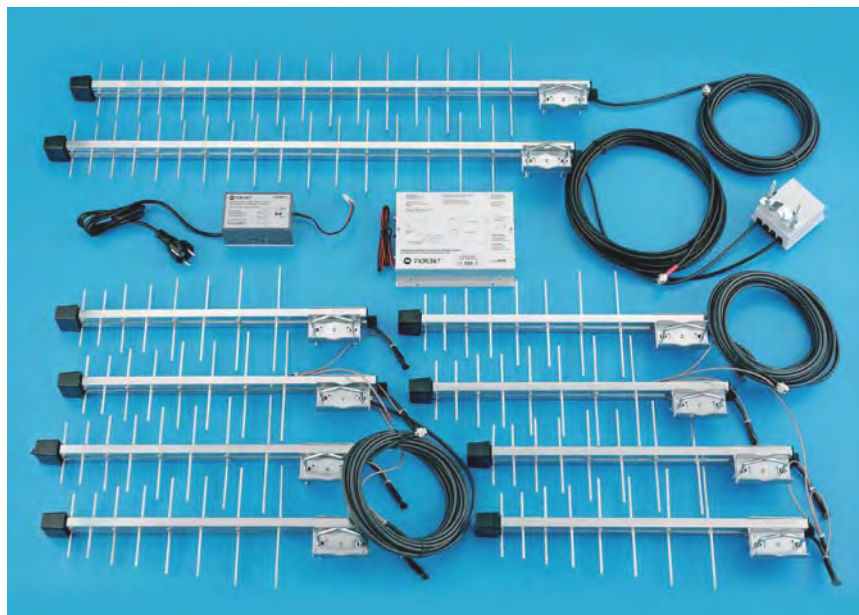


REPEATER-EXTENDER GSM/GPRS 900MHz

High gain, Wide coverage



Deep Coverage:

1.500m max

BT 20-CT4 KIT

BT 20-CT4

Efficient and very reliable repeater for mobile telephone OUTDOOR-OUTDOOR applications able to extend **GSM-GPRS signal on 900MHz band** on **small valleys, villages, hills and open-air working areas, shadow zones.**

It operates on **wide range** and supports voice and GPRS/EDGE standard speed data traffic with capacity of **20-30 simultaneous communications** in good field condition on input side.

Very high gain **better then 95dB** in down-link channel with low noise antenna preamplifier. It uses **double antennas system**: two directional antenna on input side (angle 20-30°) and two collinear output antennas with adjustable radiation angle, necessary for high gain system.

Installation: input antennas must be placed on good signal position, output collinear antennas on **shield position** than input side against oscillations and signal interference also at provider network.

After installation check correct operation by spectrum analyzer instrument.

Installation strictly by qualified technician.

Minimum requirements for correct operation:

- **Good input signal level**
- Signal coming directly from provider cell, **no reflexion**
- **Good electric shield insulation** between **input** and **output side** of repeater antennas

To obtain sure shield between input and output, use coax **cables extensions 10-20-33mt.**

Delivery kit includes all the main hardware for easy installation:

- 2 input directional antennas **LOG10** with 10mt cable and connectors
- 2 output collinear antennas **CT4** (max coverage angle 180°) with 10mt cable and connectors
- 1 main amplifier
- 1 antenna preamplifier
- 1 AC power supply 110-230VAC 50Hz

Options:

- Extension coax cables **PR10-20-33mt**, pag.22
- Solar panel with battery kit pag.23
- Very high gain input collinear antennas **COL2-COL4**, pag.25