
DCS BAND-SELECTIVE PICO-REPEATER

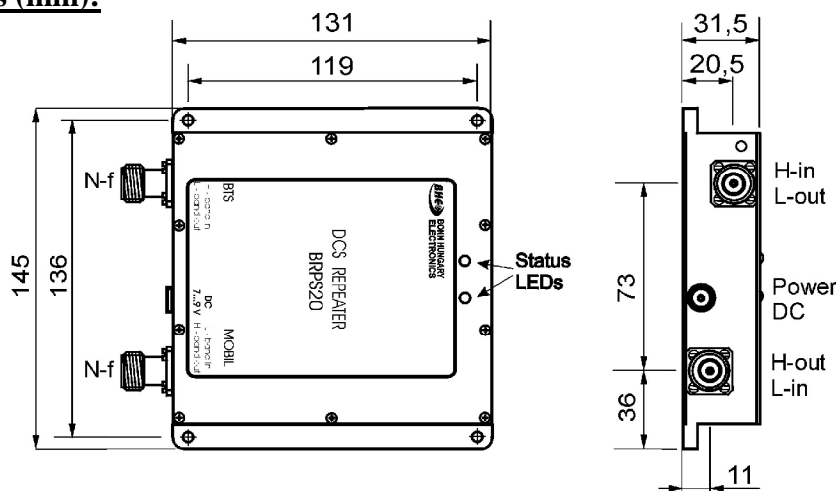
- **HIGH SENSITIVITY**
- **HIGH DYNAMIC RANGE**
- **COMPACT SIZE**

This pico-repeater is intended for use in DCS indoor systems. It is a very compact and lightweight unit and it is especially advantageous to use it inside the buildings, rooms, tunnels 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. Status information such as overload, overtemperature, supply voltage failure, PLL unlock is indicated by red and green LED-s.

Electrical characteristics:

Frequency Band Uplink	1743 – 1758 MHz
Frequency Band Downlink	1838 – 1853 MHz
Frequency Bandwidth (Up/Downlink)	15 MHz (*)
Mode of Operation	band selective duplex
Linear Output Power	+ 13 dBm @ < - 33 dBm IM products
ICP3	+ 33 dBm typ.
Nominal Gain	60 dB
Gain Ripple	± 1 dB typ.
Gain Setting	60 to 30 dB in 2 dB steps or adaptive
Input Noise Figure	4 dB typ.
Harmonics	According to the ETSI regulation < - 30 dBm
Spurious Radiation	According to the ETSI regulation < - 30 dBm
Local Leakage	According to the ETSI regulation < - 30 dBm
RF Connectors	N – female
Supply Voltage	with external 230V AC/DC power supply
Power Consumption	10 VA
Weight	0.8 kg
Operating temperature range	0 to + 45 °C optional -10 + 50 °C
Application	Indoor

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

Outline dimensions (mm):




BRPS20

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