



2x4 CHANNELS TETRA BAND COMBINER

- **2x4 TETRA TERMINALS INPUTS**
- **1 ANTENNA OUTPUT**
- **19" RACKMOUNT DESIGN**
- **DOUBLE CONFIGURATION IN 3U HEIGHT**

This passive combiner is intended for use in indoor TETRA systems, where several TETRA terminals have to be connected using one common antenna.

The unit contains 2 independent combiners. Each of them has 4 terminal inputs and 1 common antenna output port.

Electrical characteristics:

TX Frequency Range *	380 – 385 MHz
RX Frequency Range *	390 – 395 MHz
Reflections	Min: 15 dB, Typ: 18dB
Transmissions (Ant \rightarrow Mob, RX)	Typ: 11,5 dB, Max: 13 dB
Transmissions (Mob \rightarrow Ant, TX)	Typ: 11,5 dB, Max: 13 dB
Isolations (Ant \rightarrow Mob, TX)	Min: 50 dB, Typ: 55 dB
Isolations (Mob \rightarrow Ant, RX)	Min: 30 dB, Typ: 35 dB
Isolations (Mob \rightarrow Mob, TX)	Min: 75 dB, Typ: 80 dB
Isolations (Mob \rightarrow Mob, RX)	Min: 55 dB, Typ: 60 dB
Impedance	50 ohm
Connectors	N Female
Operation Temperature	0°C...+50°C
Mechanical Dimensions	19' 3U Rack 483 x 368 x 133 mm (without connectors and handles)

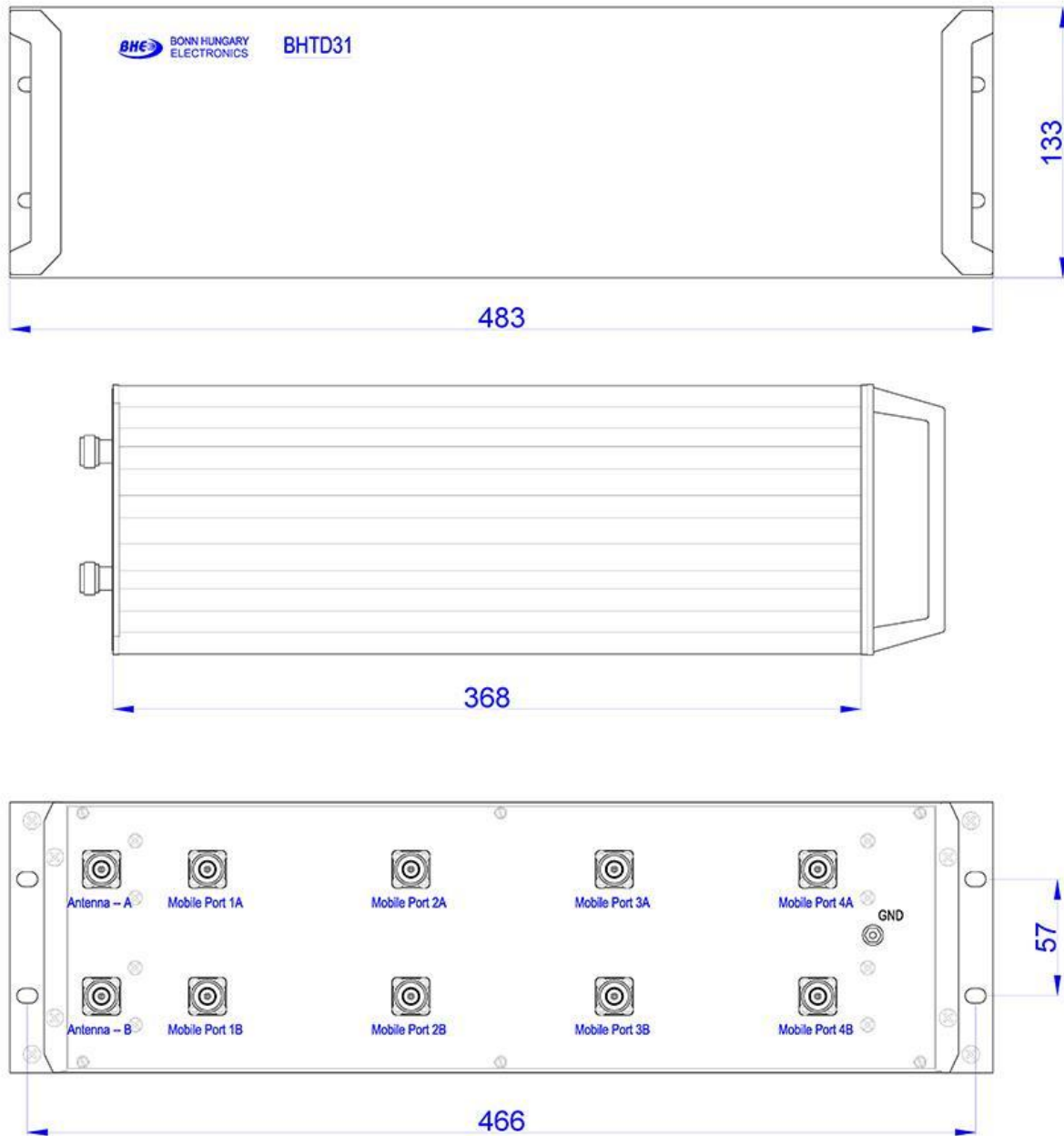
*Other TETRA frequencies are available too.



BHTD31

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Outline dimensions (mm):



BHTD31 Outline drawing



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Picture:

