



Passion in high frequency

NEW!

SSB MAC

Multi Antenna Combiner from SSB-Electronic

Mobile phone indoor coverage for buildings and ships within 35 km coastal area



Areas of application

The multi antenna combiner and amplifier offers mobile phone indoor coverage in buildings or ships. It can be used in all areas where the strength of the mobile signals (2G, 3G, 4G, 5G) is insufficient or not available.

On land: in office and residential buildings, in underground car parks, parking decks, elevators and tunnels, in large buildings such as hospitals, supermarkets, shopping centers, company and factory buildings, production lines, factories and warehouses, in hotel and camping facilities, halls, courtyards, squares etc.

At sea: in ships and offshore facilities, on boats, yachts and in boat docks etc.

Your benefits

- Efficient mobile phone indoor coverage on land and at sea
- All frequency bands 800 / 900 / 1800 / 2100 / 2600 MHz
- Unlimited number of simultaneous calls
- All operators
- Range up to 35 km
- LCD touch display for an easy adjustment and more information (status of frequency bands, signal strength etc.)
- Remote monitoring, logging and adjustment
- Tailor made solutions for mobile phone indoor coverage incl. preamplifiers, splitters, antennas, coaxial cables etc.

Frequency range:	791-862 MHz, 880-960 MHz, 1710-1880 MHz, 1920-2170 MHz, 2500-2620 MHz
Coverage:	1000 m ² per internal antenna at max. outdoor signal
Gain:	> 60 dB downlink and > 50 dB uplink on each frequency band > 57 dB wideband
Latency:	< 0.3 µs on all frequency bands
Band pass ripple:	< 3 dB
Ethernet port:	RJ45 for monitoring, logging, adjustment
Oscillation control:	Automatic
Uplink control:	Automatic on/off – conducted uplink noise < -80 dBm
Level-control downlink & uplink:	Automatic – continuously monitored and adjusted
AGC range:	30 dB

We plan and implement tailor made solutions for your application.

We look forward to your request.