

Data sheet



SSB-MAC 5-Band

Item.No.: 4000



Frequency range:	791-862MHz 880-960MHz 1710-1880MHz 1920- 2170MHz 2500-2620MHz
Coverage:	1000m2 per internal antenna at max outdoor signal only (typical 500m2)
Number of users:	>unlimited > only depending on operator capacity
Latency:	< 0.3µS on all frequency bands
Gain:	>63dB downlink >53dB uplink on each frequency band >60dB wideband.
Dual carrier IMD:	better than -55 dBm at max power
Band pass ripple:	<3dB
Input/output impedance:	50 Ohm
Input port:	N FEMALE connector max -30dBm (overload protected)
Output ports:	4 x SMA connector max 6dBm each
Ethernet port:	RJ45 optional.
Operating temperature range.	-30°C to +70°C - static fan less cooling - no noise
Power supply / consumption:	Input 110 – 240 V AC 0.5A Output 12 V DC 5A / typical 30W > 50Watt max.
Oscillation control:	Automatic
Uplink control:	Automatic on/off – conducted uplink noise < -80dBm
Level control downlink & uplink:	Automatic – continuously monitored and adjusted
AGC Range:	30dB
Surge protection	Built in on all connectors and outdoor antenna
DC Protection	12V DC port reverse polarity

Maximum working distance:	and overvoltage protected depending on operator settings but typical up to max. 35km
LED indicators	one series per frequency band > -signal –AGC –uplink – overload -power on.
Mechanical specifications:	
Dimensions:	19 INCH rack H : 2U 88mm W : 440mm D :310mm without handles
Weight:	4kg

Notes on environmental protection



Electrical and electronic devices may not be disposed of with household waste. This must be handed in separately at collecting points, or returned to the point of sale. Packaging materials must be separated and disposed of through the municipal waste by material type.

Maintenance

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact support@ssb-electronic.com. For a lowest possible noise figure of the complete system, set preamp to maximum gain.

Safety, Warranty

Not suitable for children! The packaging material and the device may contain small parts which may be swallowed. Repairs may only be performed by qualified personnel., Opening the device, or improper use will void any warranty claims. No guarantee will be given. The device applies to the Low Voltage Directive 2006/95/EG, as well as to 2004/108/EG, 2002/96/EG, 1999/44/ EG.

Declaration of Conformity



The CE mark is a free trade mark. It does not guarantee any product features. The product does apply all relevant regulations within the scope of 94/62/EG.

Manufacturer is: SSB-Electronic GmbH,
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