STATION ☐ BOX® S

Outdoor Case for RouterBoard RB711 and RB411
Product Datasheet

StationBox® S turns your RouterBoard RB711 or RB411 into flexible radio unit. Snap It to the RF elements MiMo Sector Antenna or compatible holder for easy installation.

STATIONBOX® S PARTS – EMBEDDED SOLUTION/OEM

COMPATIBLE PIGTAILS

SMA-RP with O-ring to MMCX, RSMAMMCX
SMA-RP with O-ring to U.FL (IPAX), RSMAUFL
N-female with O-ring to MMCX, RNFMMCX
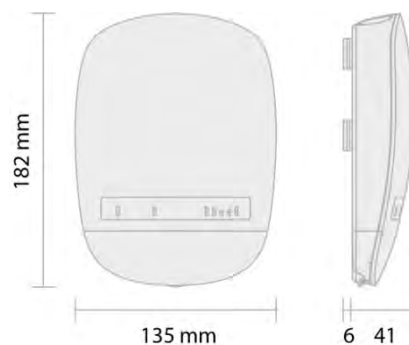N-female with O-ring to U.FL (IPAX), RNFUFL

OTHER FEATURES

TECHNICAL DATA

Weight	0.33 kg / 0.7 lbs – single piece incl. package 7 kg / 15.5 lbs – per Carton Box, 20 pcs
Material	ABS plastic (UV stabilized & weather resistant)
Single Piece	210 × 55 × 140 mm 8.3 × 2.2 × 5.5 inches
Carton (20pcs)	220 × 550 × 280 mm 8.7 × 21.7 × 11 inches

SUPPORTED PCBS

MikroTik RouterBoard	RB711 Series
	RB411 Series /not compatible with „U" version with longer form factor/

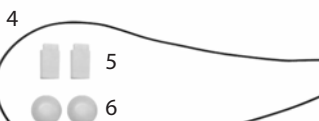## COMPATIBLE RF ELEMENTS ACCESSORIES

PoE adapter, 24V1A, DC grounded, POE24V1AEU
PoE adapter, 24V1A, DC grounded, POE24V1AUS

Omni Antenna 5GHz/5dBi,Product ID: OARDSBX55
Omni Antenna v2.4GHz/4dBi, Product ID: OARDSBX244
Omni Antenna 800-900MHz/1dBi, Product ID: OARDSBX800

EasyBracket S, Pole and Wall Mount for StationBox® S and StationBox® Mikro, Product ID: EBS001

RF ELEMENTS™

RF ELEMENTS™

Package Contains:

1. Body
2. Top Cover
3. Bottom Cover
4. Seal
5. Light Guides
6. Plastic Caps
7. Screws 2.9×25mm (2×)
8. Screws 2.9×12mm (2×)
9. Screws 2.9×6.5mm (6×)
10. Washers (2×)

1

2

3

4

5

6

7   8   9

10

1 Installation of Pigtails

A Install the SMA pigtails using special washer, nut and o-ring.

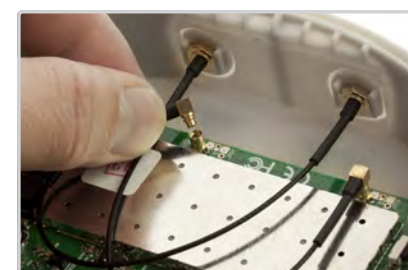B When installing N-connectors, expand the openings using cutter.

C Use Plastic Caps to cover the top openings when not used for pigtail installation. Secure Caps with 2.9×6.5mm (the smallest) screws and washers.

2 Installation of RouterBoard

A Install the RouterBoard using 2.9×6.5mm (the smallest) screws.
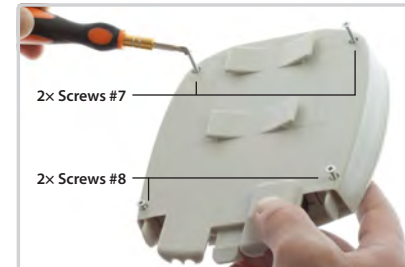B Connect the pigtails to the RouterBoard.

3 Installation of the Seal and Light Guides

A   Install the Silicone Seal in StationBox´s Body.
B   According to the specific RouterBoard setup, install the Light Guides
to support readability of RouterBoard LEDs.

4 Install the Top Cover

Install the Top Cover using screws 2.9×25mm and screws 2.9×12mm.
Mind the correct positioning of the Screws as shown on picture!
Cut or chip away premolded parts of the front panel, if interfering with
RouterBoard´s connectors.

2× Screws #7

2× Screws #8

5 How to Mount, Remove and Protect the StationBox® S

You can easily snap StationBox® S to compatible Antenna. Please
refer to our webpage www.rfelements.com to check updated list of
compatible antennas.

To remove StationBox® S from the mount, use tool to release the
mount´s lock. Any firm object that fits the gap could be used:
screwdriver, wrench, knife etc.

RF elements Accessories

For installation on the Wall or Pole, use RF elements EasyBracket™ S,
bracket compatible with StationBox® S and StationBox® Mikro.