



## BASE SECTOR ANTENNA

# WiBOX SA M5-90-17HV SLIM RBR NF

**WiBOX SA M5-90-17HV SLIM RBR NF** is an **H&V polarity MIMO 2x2 sector antenna** operating at a frequency range of: **5.1 - 5.95 GHz** with **17 dBi** gain. **Wireless Instruments** technical division developed special radiator **RBR (Reduced-Back-Radiation)** which minimizes **F/B (Front-to-Back)** factor, so this eliminates **co-location** problem. The antenna is predicted for **point-to-multipoint (PMP)** connections, can be used for covering medium and big areas as a **base station** for client stations or as the **hotspot in halls, stadiums or another public places**. It can work **indoor and outdoor (IP 67)**. It works with the **WLAN 802.11n/ac** systems. The antenna comes with **No. 2 of N Female** connectors, it's integrated with the top quality **WiBOX Extra Large Slim** box system.

ROHS



### Electrical specification

Frequency	5.1 - 5.95 GHz
Gain	17 dBi
VSWR	<2.00
Beamwidth	8°/90°
Polarization	H&V
Cross-Polar Isolation	
Front-to-Back	> 32 dB
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	No

### Mechanic specification

Dimensions	29.2 x 48.6 x 7.1 cm 11.5 x 19.13 x 2.8 inch
Weight	2.5 kg
Connector	2xN Female
Material	ABS
Waterproof level	IP67
Operating temperature	from -40 +70°C to °C from -40°F to 32°F
Wind resistance	km/h

### Mounting Kit

Dimensions	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
Regulation Range	+/- 30°
Weight	0.87 kg
Mast Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- Gain for the frequency of 5100 - 5950 MHz 2x 17 dBi
- Polarization H&V for the frequency of 5100 - 5950 MHz
- 2 x Connector N Female
- Big, ergonomic and voluminous **WiBOX Extra Large Slim 2xN** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure **WiBOX Extra Large Slim 2xN**
- Designed and resistant for any weather conditions
- 36 Warranty Months

### Systems

- WLAN - 5 GHz
- WiMAX - 5 GHz
- RFID - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

### Applications

- Stadiums, Public Places
- Hotspot
- PtM Connections

### Compatible with

- MIMOSA - A5C

### Plots

