



## PTP/CLIENT ANTENNA

# WiBOX SA M4-90-17X

**WiBOX SA M4-90-17X** is an **X (slant)** polarity **MIMO 2x2** sector antenna operating at a frequency range of: 4.4 - 5.0 GHz with 17 dBi gain. 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 hotspots. It can work indoor and outdoor (**IP 67**). The antenna is integrated with the top quality **WiBOX Extra Large** box system.


 ROHS


 DC GROUND


 IP67


 UV RESISTANT


 ABS

### Electrical specification

Frequency	4.4 - 5 GHz
Gain	17 dBi
VSWR	<2.00
Beamwidth	8°/90°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	29.2 x 48.6 x 10.6 cm 11.5 x 19.13 x 4.17 inch
Weight	2.9 kg
Connector	RJ45 & 1xSMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 80°C from -40°F to 176°F
Wind resistance	70km/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 4400 - 5000 MHz 1x 17 dBi
- › Polarization X for the frequency of 4400 - 5000 MHz
- › 1 x Connector SMA
- › Big, ergonomic and voluminous **WiBOX Extra Large** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Extra Large**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › Grounding system protecting against lightning - DC Ground
- › 36 Warranty Months

### Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz

### Applications

- › System Integration