

## BASE SECTOR ANTENNA

# WiBOX SA D3M5-90-14XV



WiBOX SA D3M5-90-14XV is an X&V polarity MIMO 3x3 sector antenna operating at a frequency range of: 5.1 - 5.85 GHz with 14 dBi gain. The antenna is predicted for point-to-multipoint (PMP) connections, can be used for covering small and medium areas as a base station for client stations or as the hotspot in schools, halls, stadiums or another public places. It can work indoor and outdoor (IP 67). It works with the WLAN 802.11n/ac systems.

ROHS



### Electrical specification

Frequency	5.1 - 5.85 GHz
Gain	14 dBi
VSWR	<2.00
Beamwidth	16°/90°
Polarization	V,X
Cross-Polar Isolation	20 dB
Front-to-Back	> 20 dB
Separation between Connectors	> 20 dB
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	No

### Mechanic specification

Dimensions	27.2 x 27.6 x 6.2 cm 10.71 x 10.87 x 2.44 inch
Weight	1.6 kg
Connector	3xN Female
Material	ABS
Waterproof level	IP67
Operating temperature	from -40 +70°C to °C from -40°F to 32°F
Wind resistance	120km/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 - 5850 MHz 3x 14 dBi
- › Polarization V,X for the frequency of 5100 - 5850 MHz
- › 3 x Connector N Female
- › Big, ergonomic and voluminous **WiBOX Medium Slim 3xN** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium Slim 3xN**
- › Designed and resistant for any weather conditions
- › 36 Warranty Months

### Systems

- › LTE band - 46, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

### Applications

- › Stadiums, Public Places
- › Hotspot
- › PtM Connections

### Plots

