



## BASE SECTOR ANTENNA

# WiBOX SA M49-90-16X SLIM NF

ROHS



UV  
RESISTANT



### Electrical specification

Frequency	4.9 - 5.9 GHz
Gain	16 dBi
VSWR	<1.60, max < 2.00
Beamwidth	90°/8°
Polarization	X
Cross-Polar Isolation	> 25 dB
Front-to-Back	> 25 dB
Separation between Connectors	> 25 dB
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	2.9 kg
Connector	RJ45 & 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 4900 - 5900 MHz 2x 16 dBi
- › Polarization X for the frequency of 4900 - 5900 MHz
- › 2 x Connector N Female
- › Big, ergonomic and voluminous **WiBOX Extra Large SLIM enclosure** for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Extra Large SLIM**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › 36 Warranty Months

### Systems

- › LTE band - 46, 47, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

### Applications

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

### Plots

