



Wireless Instruments

breaking the limits

BASE SECTOR ANTENNA

WiBOX SA M25-90-15HV

WiBOX SA M25-90-15HV is a MIMO 2x2 sector antenna operating at the frequency band: **2.3 – 2.7 GHz** with **15 dBi** gain. The antenna can be used in **point-t-**-multipoint (PMP) topology for covering small and medium size areas as the hotspot in schools, halls, stadiums or another public places. It can work indoor and outdoor (IP 67). It works with the systems of: WLAN (802.11b/g/n), WiMAX, LTE, Bluetooth, ISM, RFiD. The antenna is integrated with the top quality WiBOX Extra Large box system.











Electrical specification

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Frequency	2.35 - 2.7 GHz
Gain	15 dBi
VSWR	<2.00
Beamwidth	15°/90°
Polarization	H&V
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	2.6 kg
Connector	RJ45 & 2xSMA
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 2350 2700 MHz 2x 15 dBi
- > Polarization H&V for the frequency of 2350 - 2700 MHz
- > 2 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 lighting DC Ground
- >36 Warranty Months

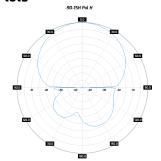
Systems

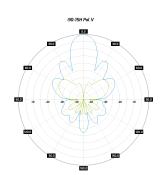
- > LTE band 7, 38, 40, 41
- > WLAN 2.4 GHz
- > WiMAX 2.3 GHz, 2.5 GHz
- > RFiD 2400 2483 MHz
- > Bluetooth 2400-2483 MHz
-) ISM 2400-2483 MHz

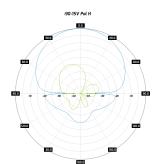
Applications

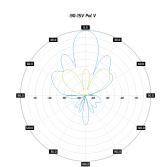
- > Stadiums, Public Places
- > Hotspot
- > PtM Connections
- > System Integration











Radiation pattern WiBOX SA 24-90-15H Radiation pattern WiBOX SA 24-90-15H Radiation pattern WiBOX SA 24-90-15V Radiation pattern WiBOX SA 24-90-15V Pol V Pol H