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BASE SECTOR ANTENNA

WiBOX SA M25-90-12HV

WiBOX SA M25-90-12HV *is a* ***MIMO 2x2 sector antenna*** *operating at the frequency band:* ***2.3 – 2.65 GHz*** *with* ***12 dBi*** *gain. The antenna can be used in* ***point-to-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 Medium*** *box system.*

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

Electrical specification

Frequency	2.35 - 2.65 GHz
Gain	12 dBi
VSWR	<2.00
Beamwidth	30°/90°
Polarization	H&V
Cross-Polar Isolation	
Front-to-Back	> 20 dB
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	1.6 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 - 2650 MHz 2x 12 dBi
- Polarization H&V for the frequency of 2350 - 2650 MHz
- 2 x Connector SMA
- Big, ergonomic and voluminous ***WiBOX Medium*** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure ***WiBOX Medium***
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

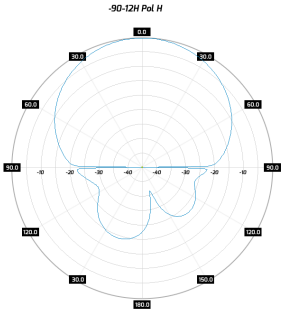
Systems

- LTE band - 7, 38, 40, 41, 53, 69
- WLAN - 2.4 GHz
- WiMAX - 2.3 GHz, 2.5 GHz
- RFiD - 2400 - 2483 MHz
- Bluetooth - 2400-2483 MHz
- ISM - 2400-2483 MHz

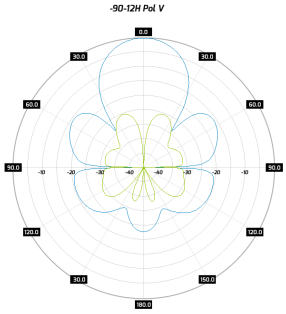
Applications

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

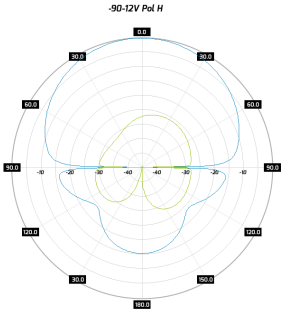
Plots



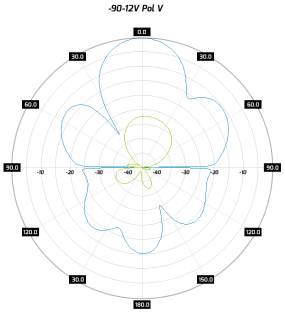
Radiation pattern WiBOX SA 24-90-12H Pol H



Radiation pattern WiBOX SA 24-90-12H Pol V



Radiation pattern WiBOX SA 24-90-12V Pol H



Radiation pattern WiBOX SA 24-90-12V Pol V