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BASE SECTOR ANTENNA

WiBOX SA M25-90-15X

WiBOX SA M25-90-15X *is a* ***MIMO 2x2 sector antenna*** *operating at the frequency band:* ***2.4 – 2.7 GHz*** *with* ***15 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 Extra Large*** *box system.*

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

Electrical specification

Frequency	2.4 - 2.7 GHz
Gain	15 dBi
VSWR	<1.50, max < 1.80
Beamwidth	15°/86°
Polarization	X
Cross-Polar Isolation	>24 dB
Front-to-Back	> 20 dB
Separation between Connectors	> 25 dB
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 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 2400 - 2700 MHz 2x 15 dBi
- Polarization X for the frequency of 2400 - 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

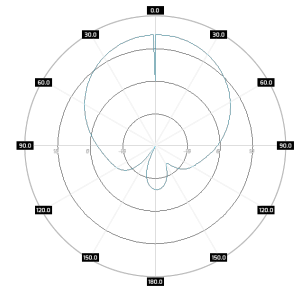
Systems

- LTE band - 7, 38, 40, 41, 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

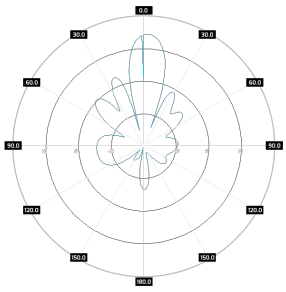
Applications

- System Integration

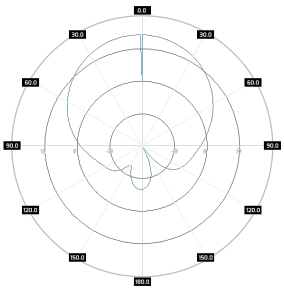
Plots



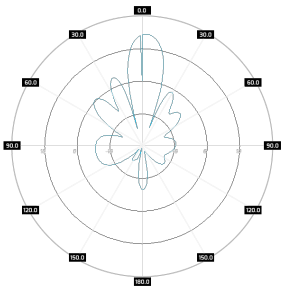
SA M25-90-15X
Port 1, azimuth



SA M25-90-15X
Port 1, elev.



SA M25-90-15X
Port 2, azimuth



SA M25-90-15X
Port 2, elev.

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