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PTP/CLIENT ANTENNA

WiBOX PA M47-20HV

WiBOX PA M47-20HV *is an innovative PTFE microstrip dual polarity* ***H&V*** *polarized* ***(MIMO 2x2)*** *planar antenna operating at the frequency range of 4,7 – 5,4 GHz with 20 dBi gain in both polarizations. It is desired for point-to-point* ***(PTP)*** *or point-to-multipoint* ***(PMP)*** *as the client antenna, where the high-gained antennas are required. Can be installed indoor and outdoor* ***(IP67)****. The antenna is integrated with the top quality* ***WiBOX Medium*** *box system.*

ROHS
DC GROUND
IP67
UV RESISTANT
ABS

Electrical specification

Frequency	4.7 - 5.4 GHz
Gain	20 dBi
VSWR	<1.70, max < 2.00
Beamwidth	18°/18°
Polarization	H&V
Cross-Polar Isolation	30 dB
Front-to-Back	> 25 dB
Separation between Connectors	> 30 dB
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	2.5 kg
Connector	RJ45 & 1xSMA
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 4700 - 5400 MHz 1x 20 dBi
- Polarization H&V for the frequency of 4700 - 5400 MHz
- 1 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

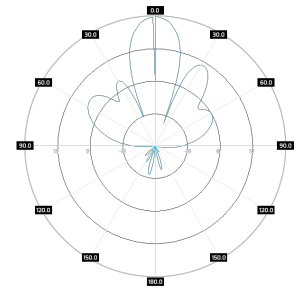
Systems

- LTE band - 46, 252
- WLAN - 5 GHz
- WiMAX - 5 GHz

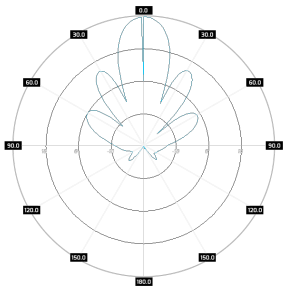
Applications

- PtP connections
- PtM Connections
- System Integration

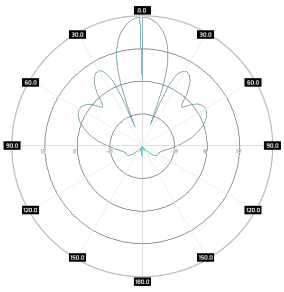
Plots



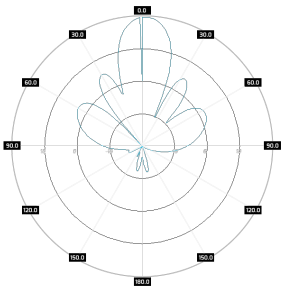
PA M47-20HV
Pol H, azimuth



PA M47-20HV
Pol H, elev.



PA M47-20HV
Pol V, azimuth



PA M47-20HV
Pol V, elev