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PTP/CLIENT ANTENNA

WiBOX PA DM5-20HV

WiBOX PA DM5-20HV *is* ***H&V polarity MIMO 2x2 panel antenna****. It operates at* ***5.1 – 5.85 GHz with 20 dBi*** *gain. The antenna is predicted for* ***point-t--multipoint (PMP)*** *and* ***point-to-point (PTP)*** *connections. Due to medium gain, it can be used for medium distance links. It can work* ***indoor and outdoor (IP67)*** *as well. Wide frequency band (5.1 – 5.85 GHz) allows to easily find suitable frequency for the operation. It works with the* ***WLAN 802.11a/n/ac*** *systems. The antenna is integrated with the top quality* ***WiBOX Large*** *box system. The antenna comes with No. 2 RP SMA connectors.*

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

Electrical specification

Frequency	5.1 - 5.85 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
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 5100 - 5850 MHz 2x 20 dBi
- Polarization H&V for the frequency of 5100 - 5850 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

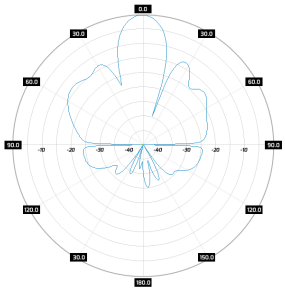
Systems

- LTE band - 46, 252, 255
- WLAN - 5 GHz
- WiMAX - 5 GHz
- RFiD - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

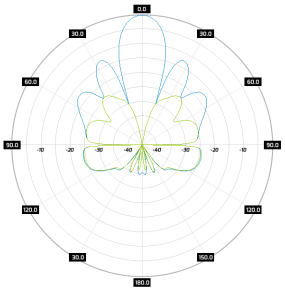
Applications

- PtP connections
- PtM Connections
- System Integration

Plots



Radiation pattern Pol 1



Radiation pattern Pol 2

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