Wireless Instruments
breaking the limits

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PTP/CLIENT ANTENNA
WiBOX PA M5-20HV

*WiBOX PA M5-20HV is an innovative **PTFE microstrip dual polarity H&V polarized (MIMO 2x2) planar antenna** operating at the frequency range of **5,1 – 5,9 GHz** with **20 dBi** gain in both polarizations. It is desired for **point-to-point (PTP)** or **point-t--multipoint (PMP)** as the client antenna, where the high-gained antennas are required. Works with **WLAN 802.11n/ac** systems. Can be installed **indoor and outdoor (IP67)**. The antenna is integrated with the top quality **WiBOX Medium** system.*

ROHS

DC GROUND

IP67

UV RESISTANT

ABS

Electrical specification

Frequency	5.1 - 5.9 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
Polarization	H&V
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	> 32 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	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 5100 - 5900 MHz 2x 20 dBi
› Polarization H&V for the frequency of 5100 - 5900 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
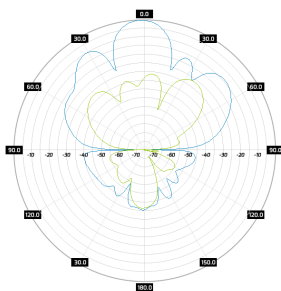› Grounding system protecting against lighting - DC Ground
› 36 Warranty Months

Systems

› WLAN - 5 GHz
› WiMAX - 5 GHz
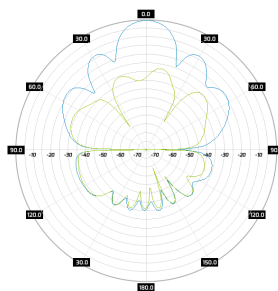› RFiD - 5725 - 5875 MHz
› ISM - 5725-5875 MHz

Applications

› PtP connections
› PtM Connections
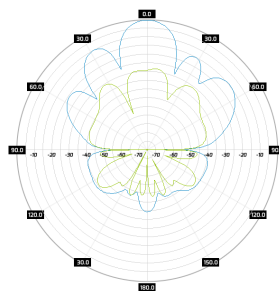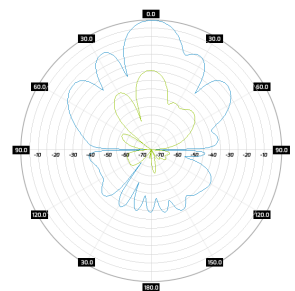› System Integration

Plots

Radiation pattern Port 1 Pol 1

Radiation pattern Port 1 Pol 2

Radiation pattern Port 2 Pol 1

Radiation pattern Port 2 Pol 2