



## PTP/CLIENT ANTENNA

# WiBOX PA M4-20HV

**WiBOX PA M4-20HV** is an innovative PTFE microstrip dual polarity **H&V** polarized (**MIMO 2x2**) planar antenna operating at the frequency range of 4,4 – 5,0 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



### Electrical specification

Frequency	4.4 - 5 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 4400 - 5000 MHz 2x 20 dBi
- › Polarization H&V for the frequency of 4400 - 5000 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 lightning - DC Ground
- › 36 Warranty Months

### Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz

### Applications

- › PtP connections
- › PtM Connections
- › System Integration