



## 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<br>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<br>from -40°F to 176°F         |
| Wind resistance       | 70km/h  |

### Mounting Kit

|                      |   |
|----------------------|---|
| Dimensions           | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch          |
| Regulation Range     | +/- 30°   |
| Weight               | 0.87 kg   |
| Max Dimensions Range | 25 - 65mm   |
| Material             | Polyamide with fiberglass +<br>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