



PTP/CLIENT ANTENNA

WiBOX PA M4-20X

WiBOX PA M4-20X is an innovative PTFE microstrip dual polarity X (slant) 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 designed for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, where the high-gained antennas are required. Due to slant (+/- 45 Deg) polarization, **PA M4-20X** can be used in interfered environment. 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 or X |
| Cross-Polar Isolation | |
| Front-to-Back | > 30 dB |
| Separation between Connectors | |
| 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 | 250 - 650mm |
| Material | Polyamide with fiberglass + galvanized steel U-Bolts |

Features

- › Gain for the frequency of 4400 - 5000 MHz 2x 20 dBi
- › Polarization H&V or X 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