



PTP/CLIENT ANTENNA

WiBOX PA M0407-8X

WiBOX PA M0407-8X is a **MIMO 2x2** patch panel antenna dedicated to **TV White Space** operating at the frequency: **470-700 MHz** with **8 dBi** gain. The antenna is predicted to be used outdoor, it works in **X (slant)** polarization. Its wide beams makes it ideal solution for mobile installations as the client antenna. The aerial can be used e.g. for TV transmission (or any system operating on this band). The antenna is integrated with the top quality **WiBOX Large** box system and comes with No. 2 of N Female connectors located on the bottom of the enclosure.

ROHS



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 0.47 - 0.7 GHz |
| Gain | 7 dBi ±1 |
| VSWR | <1.60, max < 2.00 |
| Beamwidth | 75°/75° +/- 10° |
| Polarization | X |
| Cross-Polar Isolation | 17 dB |
| Front-to-Back | > 15 dB |
| Separation between Connectors | > 17 dB |
| Impedance | 50 Ω |
| Max Input Power | 50 W |
| Lighting Protection | No |
| DC Ground | Yes |

Mechanic specification

| | |
|-----------------------|---|
| Dimensions | 39.2 x 39.6 x 9.6 cm 15.43 x 15.59 x 3.78 inch |
| Weight | 2.1 kg |
| Connector | RJ45 & 2xN |
| 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 470 - 700 MHz
2x 7 dBi ±1
- › Polarization X for the frequency of 470 - 700 MHz
- › 2 x Connector N
- › Big, ergonomic and voluminous **WiBOX Large** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Large**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › Grounding system protecting against lightning - DC Ground
- › 36 Warranty Months

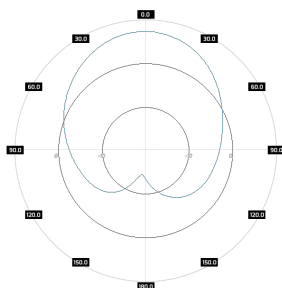
Systems

- › WiMAX - 700 MHz
- › GSM - 400 MHz

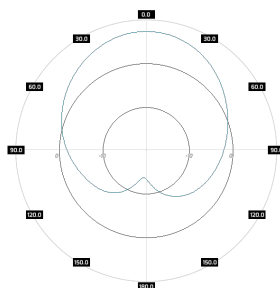
Applications

- › System Integration

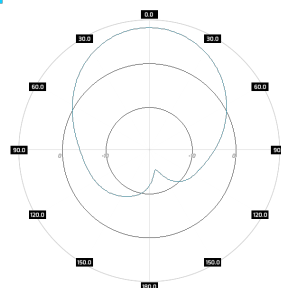
Plots



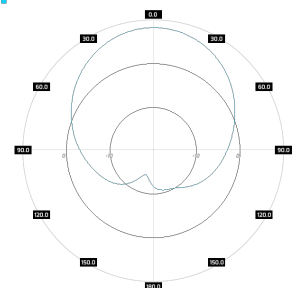
PA M0407-8X
Port 1, azimuth



PA M0407-8X
Port 1, elev.



PA M0407-8X
Port 2, azimuth



PA M0407-8X
Port 2, elev.