PTP/CLIENT ANTENNA

WiBOX PA 0407-8

WiBOX PA 0407-8 is a SISO patch sector antenna operating at the frequency: 470-700 MHz with 8 dBi gain. The antenna is predicted to be used outdoor, it works in H or V 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. The antenna is integrated with the top quality WiBOX Large box system and comes with No. 1 of N Female connector located on the bottom of the enclosure.

**Electrical specification**

- **Frequency**: 0.47 - 0.7 GHz
- **Gain**: 7 dBi ±1
- **VSWR**: <1.60, max < 2.00
- **Beamwidth**: 75°/75° +/- 10°
- **Polarization**: V,H
- **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 & 1xN
- **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 470 - 700 MHz
  1x 7 dBi ±1
- Polarization V,H for the frequency of 470 - 700 MHz
  1x 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 lighting - DC Ground
- 36 Warranty Months

**Systems**

- WiMAX - 700 MHz
- GSM - 400 MHz

**Applications**

- System Integration