



## PTP/CLIENT ANTENNA

# WiBOX PA 0407-8

**WiBOX PA M0407-8** 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.

ROHS



### 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 9.9 cm 15.43 x 15.59 x 3.9 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
Mount 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
- › 1 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

- › LTE band - 71
- › WiMAX - 700 MHz
- › GSM - 400 MHz

### Applications

- › System Integration