



## WiBOX PA M19-8X

### Installation space:

**WiBOX PA M19-8X** is designed especially for mobile cellular systems 3G, 3.5G and 3.75G as an 8 dBi dual polarization client antenna (CPE). Its wide range of work permits to operate in the systems such as UMTS 1920 to 2170 MHz.

Thanks to an innovative antenna design with great parameters there is possibility to work in a wide range of frequencies for LTE systems: band 1, 2, 3, 4, 9, 10, 25, 29, 33, 34, 35, 36, 37, 39. The antenna is integrated with the top quality **WiBOX Medium** box system (the installation space is 26 x 26cm x 5.5 cm). The box has IP67 waterproof level, there is enough room to install almost every of the most popular radio equipment. **WiBOX Medium** provides with the possibility to integrate the antenna system with other systems, using the additional connector holes located at the bottom of the WiBOX. The waterproof RJ45 connector allows for the PoE standard utilization without a stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast). The collar around the connectors guarantees the connectors won't get wet. WiBOX Medium is made from the durable plastic material resistant against the UV radiation and bad weather conditions. The special reinforced WiMount bracket, made from fiberglass ensures the stability even in case of the strong wind. It comes with 2 x SMA connector.



### Specification

Frequency	1710 - 2170MHz
Gain	8dBi
Polarization	X +/- -45deg
Beamwidth Horizontal	60°
Beamwidth Vertical	60°
Front to back	17 dB
Port to port isolation	>18dB
VSWR	<1.6, max 2.
Impedance	50
Connector	RJ-45 & 2 x SMA
Mast Mounting System O	60 (2,76") mm (inch)
Waterproof Outdoor BOX	IP 67
Operating Temperature	-40 + 70 °C
Weight	1,5 kg
Dimensions	270x270x110 (10,63" x 10,63" x 4,33")
Warranty	36

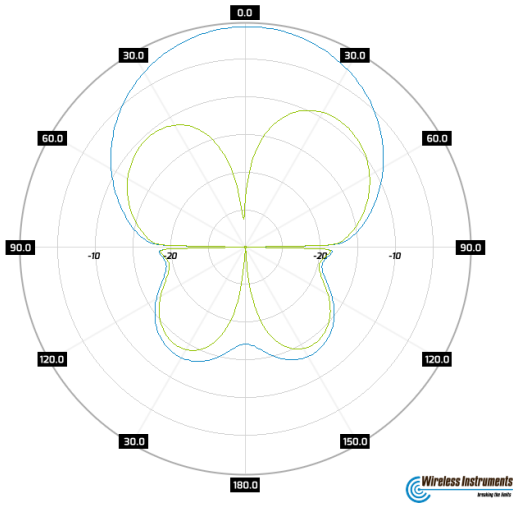
### Features

- 2 x 8 dBi Directional Gain
- Outdoor Waterproof **WiBOX Medium**
- Big and convenient **WiBOX Medium** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- Horizontal & Vertical Polarization – dual polarity, 2x2 MIMO
- High Quality Construction
- 2 x SMA connector
- DC Grounded for lightning protection
- **WiMount Heavy-Duty Mounting Elements**
- 3 Years Warranty
- Designed for All Weather Operation

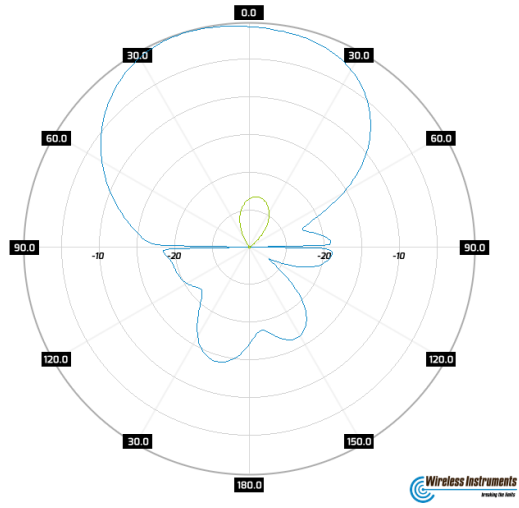
### Applications

- LTE bands: 1, 2, 3, 4, 9, 10, 25, 29, 33, 34, 35, 36, 37, 39
- UMTS 1920-2170, 3G, 3.5G and 3.75G
- Point to Point Applications
- Client antennas
- System Integration

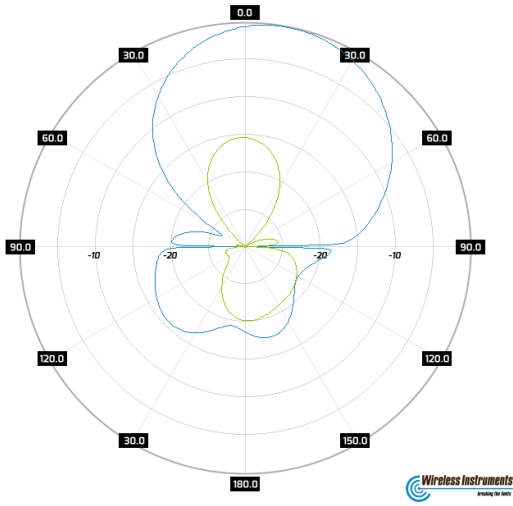
Radiation Pattern Port 1 Pol 1



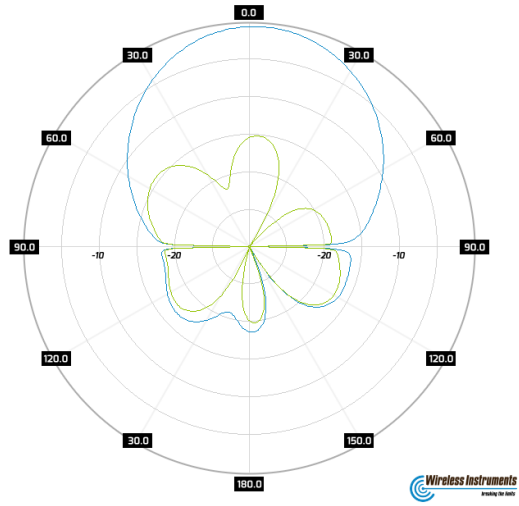
Radiation Pattern Port 1 Pol 2



Radiation Pattern Port 2 Pol 1



Radiation Pattern Port 2 Pol 2



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