



# WiBOX PA 24-19

**Installation space: 38 x 38 x 5,5 [cm]; 14,96 x 14,96 x 2,17 [inch]**

**WiBOX PA 24-19** is a planar antenna operating at the frequency of 2,4 GHz with 19 dBi gain. The antenna is suitable for point-to-point connections as well as can operate as the client side antenna where the high-gained antenna is required. The antenna is integrated with the top quality **WiBOX Large** box system (the installation space is 38 x 38 x 5,5 cm). The big compartment allows to instal almost every of the available radio boards. The box has IP67 waterproof level, there is enough room to install almost every of the most popular radio equipment. **WiBOX Large** 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. The **WiBOX Large** 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. **WiBOX PA 24-19** can work at the vertical or horizontal polarization. It comes with SMA connector.



## Specification

Frequency	2400-2500MHz
Gain	19dBi
Polarization	H or V
Beamwidth Horizontal	16°
Beamwidth Vertical	16°
Front to back	N/A
Port to port isolation	
VSWR	< 2
Impedancja	50 Ω
Connector	RJ-45 & SMA
Mast Mounting System O	60 (2,76") mm (inch)
Waterproof Outdoor BOX	IP 67
Operating Temperature	-40 + 70 °C
Weight	2,73 kg
Dimensions	400x400x110 mm (15,75 x 15,75 x 4,33 inch)
Warranty	36

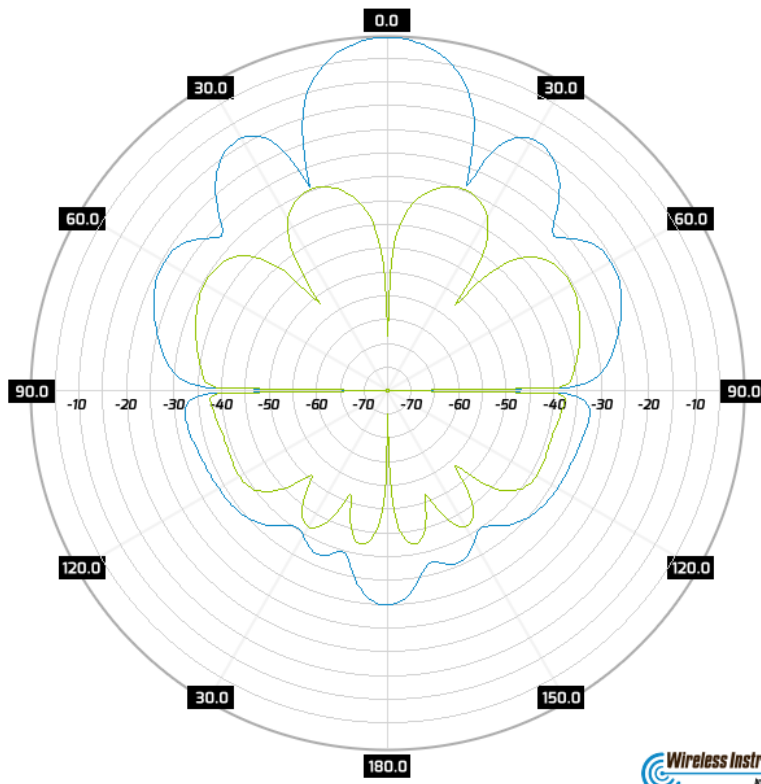
## Features

- 19 dBi Directional Gain
- Outdoor Waterproof **WiBOX Large**
- Big and convenient **WiBOX Large** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- Horizontal or Vertical Polarization
- High Quality Construction
- Type SMA connector
- DC Grounded for lightning protection
- **WiMount** Heavy-Duty Mounting Elements
- 3 Years Warranty
- Designed for All Weather Operation

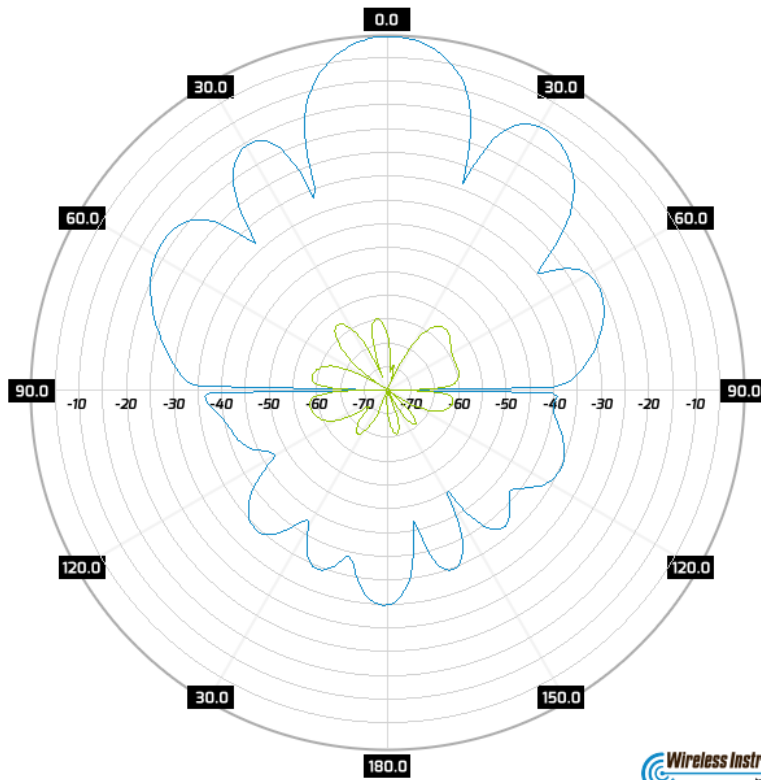
## Applications

- 2.4 GHz Band Wireless LAN
- IEEE 802.11b/g WLAN Systems
- Point to Point Applications
- Client antennas
- System Integration
- WIMAX

**Radiation Pattern Pol 1**



**Radiation Pattern Pol 2**



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