



WiBOX PA D4M5-20HVX

Installation space:

WiBOX PA D4M5-20HVX is an innovative PTFE technology triple/tetra polarity (MIMO 3x3/4x4) planar antenna operating at the frequency range of 5,1 – 5,9 GHz with 20 dBi gain in all polarizations. Generally it is desired for Point-to-Point connections (802.11a/n or 802.11ac), but can operate as the client antenna for some special applications. This system comes with 4 x SMA connector and can be used in 2x2, 3x3 as well as in 4x4 MIMO standard. The antenna is integrated with the top quality **WiBOX Extra Large** box system (the installation space is 24cm x 46cm x 5 cm (9,45" x 18,11" x 1,97")). 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 Extra 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 Extra Large** is made from the durable plastic material resistant against the UV radiation and extremal weather conditions. [Please read important tip before installation - click here.](#)



Specification

Frequency	5100 - 5900MHz
Gain	4x 20dBi
Polarization	H&V&X +45deg, -45deg
Beamwidth Horizontal	16°
Beamwidth Vertical	16°
Front to back	>30dB
Port to port isolation	>32 dB
VSWR	< 2
Impedacja	50 Ω
Connector	RJ-45 & 4 x SMA
Mast Mounting System O	60 (2,76") mm (inch)
Waterproof Outdoor BOX	IP 67
Operating Temperature	-40 + 70 °C
Weight	2,7 kg
Dimensions	490x290x110 (19,29"x11,42"x4,33")
Warranty	36

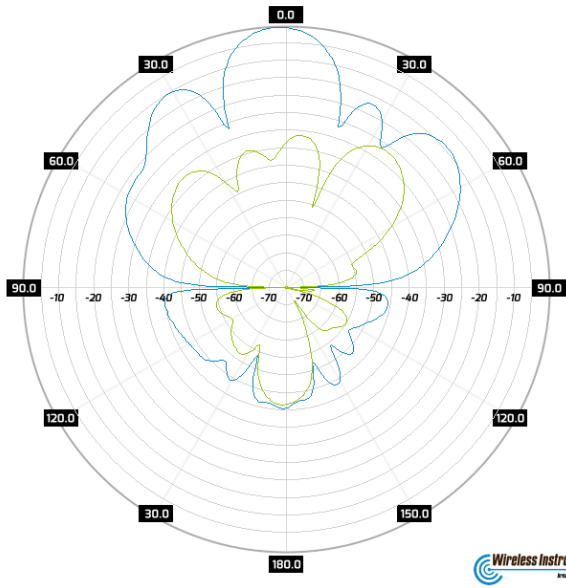
Features

- 4 x 20 dBi Directional Gain
- Outdoor Waterproof **WiBOX Extra Large**
- Big and convenient **WiBOX Extra Large** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- Horizontal & Vertical and +/- 45 Deg. Slant Polarization – triple polarity, 4x4 MIMO
- High Quality Construction
- 4 x SMA connector
- DC Grounded for lightning protection
- **WiMount** Heavy-Duty Mounting Elements
- 3 Years Warranty
- Designed for All Weather Operation

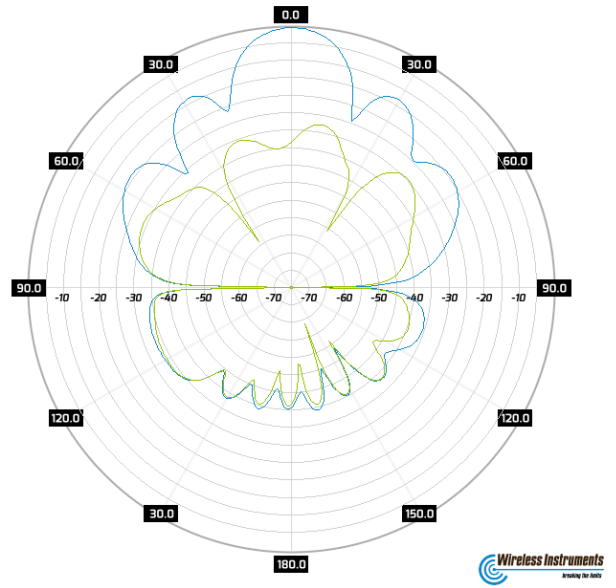
Applications

- 5 GHz Band Wireless LAN
- IEEE 802.11an WLAN Systems
- Point to Point Applications
- Client antennas
- System Integration
- Nstreme protocol
- 802.11n/MIMO standard
- 802.11ac standard

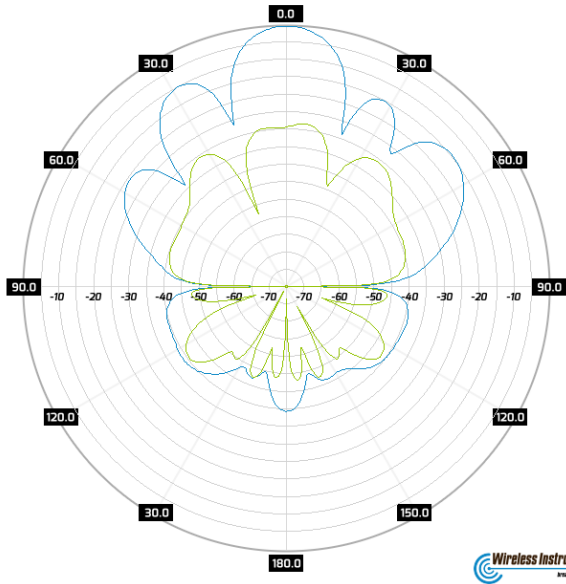
Radiation Pattern Port 1 Pol 1



Radiation Pattern Port 1 Pol 2



Radiation Pattern Port 2 Pol 1



Radiation Pattern Port 2 Pol 2

