



PTP/CLIENT ANTENNA

WiPanel PA M5-24X

WiPanel PA M5-24X is an innovative PTFE microstrip dual slant polarity (**MIMO 2x2**) planar antenna operating at the frequency range of 5,1 – 5,95 GHz with 24 dBi gain in both polarizations. It is desired for Point-to-Point, bridge and Point-to-Multipoint connections as a client antenna where the high-gained antennas are required. The reduced side-lobes level makes a gain more focused into the front direction than the standard antennas. Front shield of **WiPanel PA M5-24X** 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 No. 2 of N Female connector.





Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 5.1 - 5.95 GHz |
| Gain | 24 dBi |
| VSWR | <1.80, max < 2.00 |
| Beamwidth | 8°/8° |
| Polarization | X |
| Cross-Polar Isolation | |
| Front-to-Back | > 30 dB |
| Separation between Connectors | > 40 dB |
| Impedance | 50 Ω |
| Max Input Power | 50 W |
| Lighting Protection | No |
| DC Ground | No |

Mechanic specification

| | |
|-----------------------|---|
| Dimensions | 392 x 396 x 9.5 cm 154.33 x 155.91 x 3.74 inch |
| Weight | 2.2 kg |
| Connector | RJ45 & 2xNF |
| Material | ABS |
| Waterproof level | IP65 |
| Operating temperature | from -40 + 70°C to °C from -40°F to 32°F |
| Wind resistance | 160km/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 5100 - 5950 MHz 2x 24 dBi
- › Polarization X for the frequency of 5100 - 5950 MHz
- › 2 x Connector NF
- › Big, ergonomic and voluminous **WiPanel Large** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiPanel Large**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › 36 Warranty Months

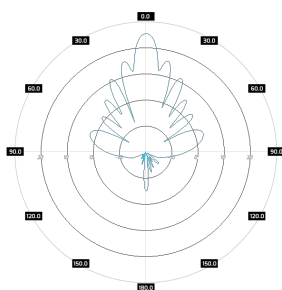
Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

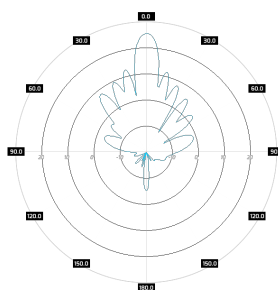
Applications

- › PtP connections

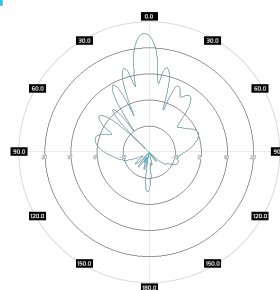
Plots



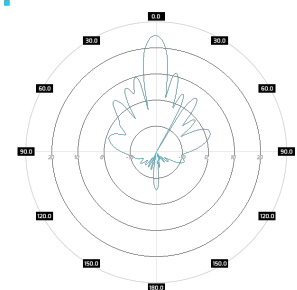
PA M5-24X
port 1, azimuth



PA M5-24X
port 1, elev.



PA M5-24X
port 2, azimuth



PA M5-24X
port 2, elev.