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: > 30 dB
- Front-to-Back 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: -40°C to 70°C
  from -40°F to 32°F
- Wind resistance: 160km/h

**Mounting Kit**
- Dimensions: 9.5 x 10.5 x 14.8 cm
  3.7 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.