



PTP/CLIENT ANTENNA

WiPanel M5-24X - Metal

WiPanel PA M5-24X - Metal 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 (**PTP**), bridge and Point-to-Multipoint (**PMP**) 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. **WiPanel PA M5-24X - Metal** provides with the possibility to integrate the antenna system with radio electronic housed inside a metal box. The system is equipped with high quality waterproof RJ45 connector enabling for the PoE standard application without a stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast). **WiPanel PA M5-24X - Metal** is made from the durable plastic material resistant against the UV radiation and bad weather conditions. It comes with 2 x MMCX inbuilt connector.

ROHS

 UV
RESISTANT


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	3.2 kg
Connector	RJ45 & 2xMMCX
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 x 12 x 15 cm 3.54 x 4.72 x 5.91 inch
Regulation Range	°
Weight	0 kg
Mast Dimensions Range	mm
Material	stainless steel

Features

- › Gain for the frequency of 5100 - 5950 MHz 2x 24 dBi
- › Polarization X for the frequency of 5100 - 5950 MHz
- › 2 x Connector MMCX
- › 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

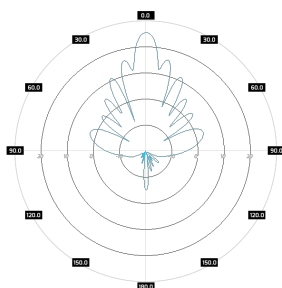
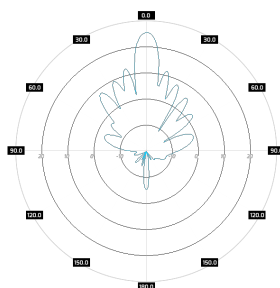
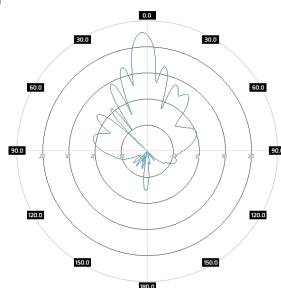
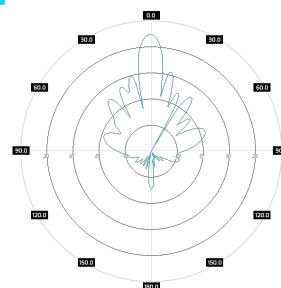
Systems

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

Applications

- › PtP connections
- › PtM 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