



PTP/CLIENT ANTENNA

WiBOX PA M4-20X

WiBOX PA M4-20X is an innovative PTFE microstrip dual polarity X (slant) polarized (MIMO 2x2) planar antenna operating at the frequency range of **4,4 – 5,0 GHz** with 20 dBi gain in both polarizations. It is desired for point-to-point (PTP) or point-to-multipoint (PMP) as the client antenna, where the high-gained antennas are required. Due to slant (+/- 45 Deg) polarization, **PA M4-20X** can be used in interfered environment. Can be installed indoor and outdoor (IP67). The antenna is integrated with the top quality **WiBOX Medium** box system.

ROHS



Electrical specification

Frequency	4.4 - 5 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
Polarization	H&V or X
Cross-Polar Isolation	
Front-to-Back	> 30 dB
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	1.6 kg
Connector	RJ45 & 2xSMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 80°C from -40°F to 176°F
Wind resistance	70km/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	250 - 650mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

Features

- › Gain for the frequency of 4400 - 5000 MHz 2x 20 dBi
- › Polarization H&V or X for the frequency of 4400 - 5000 MHz
- › 2 x Connector SMA
- › Big, ergonomic and voluminous **WiBOX Medium** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › Grounding system protecting against lightning - DC Ground
- › 36 Warranty Months

Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz

Applications

- › PtP connections
- › PtM Connections
- › System Integration