Wireless Instruments
breaking the limits

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PTP/CLIENT ANTENNA
WiBOX PA M19-8X

WiBOX PA M19-8X is designed mainly for mobile cellular systems **3G, 3.5G, 3.75G** and especially **4G - LTE** as an 8 dBi dual polarization client antenna **(CPE)** in **X (slant) polarization**. Its wide range of work permits to operate in the systems such as **GSM, UMTS** and **LTE**. It can be used as client antenna for **point-to-point (PTP)** or **point-to-multipoint (PMP)** or for **hotspots in offices, halls and public areas**. Due to an innovative antenna design with great parameters it enables to work in a wide range of frequencies for **LTE** systems: band 1, 2, 3, 4, 9, 10, 25, 29, 33, 34, 35 , 36, 37, 39. The system can operate **indoor and outdoor (IP67)**. The antenna is integrated with the top quality **WiBOX Medium**. It comes with 2 x SMA connector.

ROHS
DC GROUND
IP67
UV RESISTANT
ABS

Electrical specification

Frequency	1.71 - 2.17 GHz
Gain	8 dBi
VSWR	<1.60, max < 2.00
Beamwidth	60°/60°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 17 dB
Separation between Connectors	> 18 dB
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 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 1710 - 2170 MHz 2x 8 dBi
› Polarization X for the frequency of 1710 - 2170 MHz
› 2 x Connector SMA
› Big, ergonomic and voluminous **WiBOX Medium** enclosure for radio equipment instalation
› Outdoor Waterproof Enclosure **WiBOX Medium**
› Designed and resistant for any weather conditions
› RJ45 Waterproof System
› Grounding system protecting against lighting - DC Ground
› 36 Warranty Months

Systems

› LTE band - 1, 2, 3, 4, 9, 10, 25, 33, 34, 35, 36, 37, 39
› 3G - 2100 MHz
› GSM - 1800 MHz, 1900 MHz

Applications

› Stadiums, Public Places
› Hotspot
› PtP connections
› PtM Connections
› System Integration

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