

XMPA 2.4GHz Multi-Polarity Antenna

Description

The Wireless Pacific XMPA multi-polarity antenna has been specifically crafted and optimized for use with the X10DR Secure Wireless Microphone series. XMPA is designed for 2400-2500 MHz and provides an optimal omnidirectional 360 degree pattern. The multi-polarity design takes advantage of the multi-path effects at this frequency range in both vertical, horizontal and any other deflected planes.

The XMPA is ground independent and is supplied terminated with 5.2 meters of ultra low-loss LMR200 (or equivalent) "RG58 size" coax cable to allow ease of installation, while keeping cable losses to a minimum to ensure optimum range performance. It uses a "Motorola style" NMO roof mount to allow direct mounting on a vehicle roof, or alternately, can be easily attached to roof racks, gutter mounts or any suitable surface using the supplied right angle stainless steel mounting bracket.

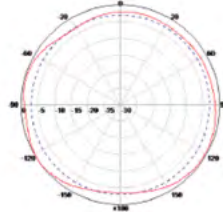
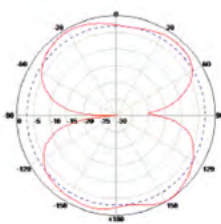


Frequency	2400 ~ 2500 MHz
Gain	2.2 dBi
VSWR ≤	1.5:1
Horizontal / Vertical Beamwidth	360° / 360°
Nominal Impedance	50 Ω
Polarisation	Horizontal & Vertical
Maximum Power	20 Watt
Mounting Connector	NMO roof mount
Diameter	40 * 90 mm
Color	Black
Weight (approx)	150 grams

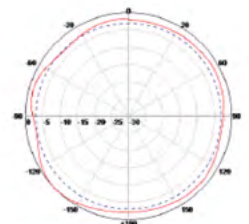
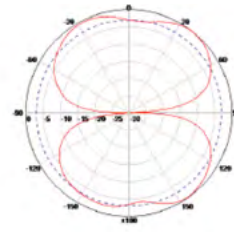
Radiation pattern

E Plane

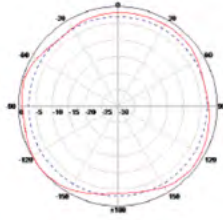
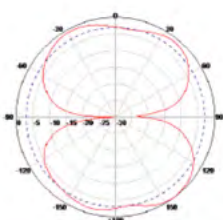
H Plane



Frequency: 2400MHz



Frequency: 2500MHz



Frequency: 2450MHz

XSMA2 2.4GHz Ground Independent Antenna

Description

73mm

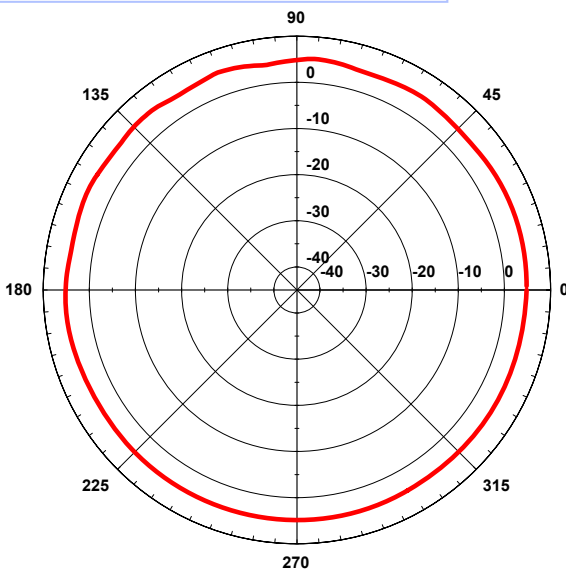


14.4mm

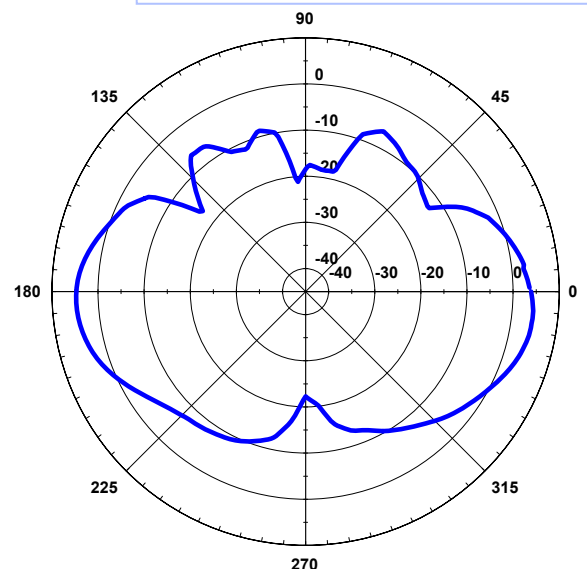
The Wireless Pacific XSMA2 ground independent antenna has been specifically crafted and optimized for use with the X10DR Secure Wireless Microphone series. The XSMA2 is designed for a very low VSWR over the entire 2400-2500 MHz band and provides an optimal omni-directional pattern. The center fed dipole design provides optimum coverage for the shoulder worn device.

Frequency	2400 ~ 2500 MHz
Gain	2.0 dBi
VSWR ≤	>1.5:1
Nominal Impedance	50 Ω
Polarisation	Vertical
Maximum Power	5 Watt
Mounting Connector	SMA-RP-F
Diameter	Φ 14.4 x 73mm
Color	Black
Weight (approx)	28 grams

H-Plane Radiation Pattern



E-Plane Radiation Pattern



XMAK 2.4GHz Multi-Polarity Antenna

Description



The Wireless Pacific XMAK multi-polarity antenna has been specifically crafted and optimized for use with the X10DR Secure Wireless Microphone series. XMAK is designed for 2400-2500 MHz and provides an optimal omni-directional 360 degree pattern. The multi-polarity design takes advantage of the multi-path effects at this frequency range in both vertical, horizontal and any other deflected planes.

The XMAK is ground independent and is supplied terminated with 5.2 meters of ultra low-loss LMR200 (or equivalent) "RG58 size" coax cable to allow ease of installation, while keeping cable losses to a minimum to ensure optimum range performance. It uses an N-Type mount to allow mounting on the supplied L shaped stainless steel bracket so it can be easily attached to roof racks, gutter mounts or any suitable surface.

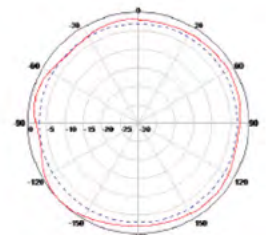
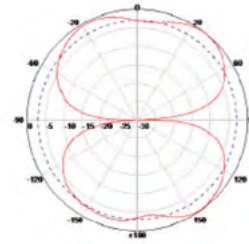
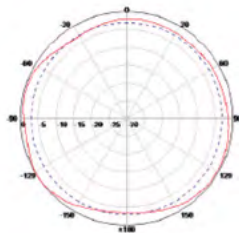
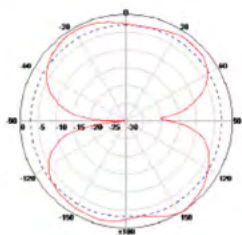


Frequency	2400 ~ 2500 MHz
Gain	2.0 dBi
VSWR ≤	2.0 :1
Horizontal / Vertical Beamwidth	360° / 360°
Nominal Impedance	50 Ω
Polarisation	Horizontal & Vertical
Maximum Power	5 Watt
Mounting Connector	N-Female bulk-head
Diameter	Φ 20 * 51 mm
Color	Black/Silver
Weight (approx)	42 grams

Radiation pattern

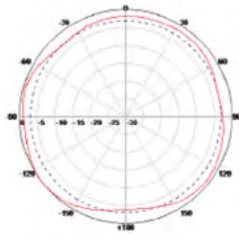
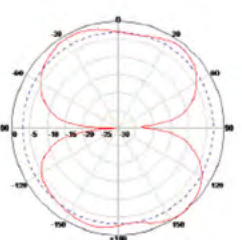
E Plane

H Plane



Frequency: 2400MHz

Frequency: 2500MHz



Frequency: 2450MHz