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XTREMEWAVE™ SERIES

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902 MHz, 2.4 GHz, and 5.8 GHz Portable Antennas for ISM 802.11a, 802.11b and 802.11g Applications



The MAXRAD portable antennas are designed to cover the band of frequencies from 902-928 MHz ISM, 1710-1990 MHz PCS, 2400 to 2483.5 MHz ISM and 5725-5825 MHz ISM with a VSWR of less than 1.5:1 at resonance. Their rugged, flexible design makes them suitable for use in a wide variety of applications, including office LAN environments, factory floors, remote telemetry and other harsh environments.

General
SPECIFICA

Connector Option:
See PDF

Nominal Impedance:
50 Ohms

Polarization:
Linear, vertical

Features:

- Ground plane independent, half-wave coaxial dipole design. Provides improved antenna performance, higher gain and installation flexibility.
- Flexible design. Added durability that allows use in demanding wireless environments.
- Articulating knuckle provides 0°-90° pivot and 180° swivel movement allowing vertical orientation of the antenna, regardless of the orientation or position of the wireless device.

Buy Online: [Click here to view available models.](#)

Electrical Specifications

Mechanical Specifications

PDF

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Product prices, materials and specifications are subject to change without notice.



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Electrical Specifications:

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Model #	Connector Type	Frequency Factory Tuned	Frequency Range	Gain	Maximum Power	VSWR At Resonance
MEXC902SM	Male SMA	915 MHz	902-960 MHz	unity 1/4 wave	50 Watts	<1.5:1
MEXE902BN	Male BNC	915 MHz	902-960 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MEXE902SM	Male SMA	915 MHz	902-960 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MEXE902TN	Male TNC	915 MHz	902-960 MHz	2.0 dBi 1/2 wave	50 Watts	<2:1
MHWS1850BN	Male BNC	1800 MHz	1710-1990 MHz	1 dBi 1/2 wave	50 Watts	<1.5:1
MHWS1850C	Male TNC	1800 MHz	1710-1990 MHz	1.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS2400BN	Male BNC	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS2400C	Male TNC/BNC	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
<u>MHWS2400MSMA</u>	SMA Male	2450 MHz	2400-2483.5 MHz	<u>2.0 dBi 1/2 wave</u>	50 Watts	<1.5:1
MHWS2400MSMARP	Reverse Polarity SMA Plug	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS2400MSMART	Reverse Threaded SMA Plug	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS2400MTNCRP	Reverse Polarity TNC	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS2400RPBN	Reverse Polarity BNC Plug	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS5800MSMA	Male SMA	5775 MHz	5725-5825 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1
MHWS902RPC	Reverse polarity TNC	915 MHz	902-928 MHz	2.0 dBi 1/2 wave	50 Watts	<1.5:1

[Electrical Specifications](#) [Mechanical Specifications](#) [PDF](#) [Return to Main Page](#)

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