MAXRAD
A PCTEL COMPANY

XTREMEWAVE™ SERIES

SEARC

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Home
Overview

Online Catalog
Press/Photos
Distributors
Representatives

Quote Request
Catalog Request

Testimonials
Announcements

Search
Discussion Forum
Contact Us

PCTEL Corporate

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 Impedanc
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 0º-90º pivot and 180º 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

Electrical Specifications:

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

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
MHWS2400MSMA	SMA Male	2450 MHz	2400-2483.5 MHz	2.0 dBi 1/2 wave	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