



MAXRAD

Wideband/Multi-band Portable Gain Antennas

These wideband/multi-band portable antennas are designed for various broadband wireless applications. 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.

Features

- Wideband/multi-band coverage with no field tuning reduces number of antennas required at installation site
- High gain performance
- Ground plane independent design for added installation flexibility
- Flexible design provides added durability
- Articulating knuckle provides 0°-90° pivot and 180° swivel movement allowing vertical orientation of the antenna

Antenna Electrical Specifications

Model	Frequency Range	E-plane Beamwidth	Gain
MHWS24007	2.4-2.5 GHz	40°	9 dBi
MHWS24495803	2.4-2.5 GHz and 4.9-5.8 GHz	40° / 35°	3 dBi

Mechanical Specifications

Model	Antenna Height	Temperature Range
MHWS24007	Approximately 15"	-40°C to +85°C
MHWS24495803	Approximately 8"	-40°C to +85°C

Technical Data

General Specifications: Portable Omnidirectional Antenna
Maximum Power: 50 watts
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR: < 2.0:1
Wave Length: 1/2 wave (MHWS24007) 1/4 wave (MHWS24495803)
Connector Options: Reverse Polarity TNC (MHWS24007 only) Reverse Polarity SMA (both models)