

Above Ceiling Mount Dual Band 6-Port MIMO Antenna



UHF2458-6-RPC



MACMAP-2A Mounting Bracket
(Sold Separately)

The UHF2458-6-RPC dual-band MIMO antenna provides six-port diversity coverage of 2.4-2.5 GHz WiFi, 4.9-5.9 GHz Public Safety/ISM/WiFi broadband wireless frequencies. This antenna is designed for above ceiling mount in-building installations utilizing multi-band, six-port wireless LAN access point radios.

Features

- Multi-band coverage of 2.4-2.5 GHz ISM, 4.9-5.9 GHz broadband wireless frequencies
- Six-port dual band integrated elements terminated with high performance, low loss cable
- UL 94-V0 listed materials and Plenum cable for compliance to strict building safety code specifications
- Above ceiling tile mounting bracket (sold separately) makes the antenna invisible to occupied areas.

Electrical Specifications

Frequency Range	Nominal Gain*	Maximum VSWR	Isolation Between Elements
2.4-2.5 GHz	3.1 dBi (2.4-2.5 GHz)	< 2.0:1	> 15 dB (2.4-2.5 GHz)
5.1-5.9 GHz	3.5 dBi (5.1-5.9 GHz)	< 2.0:1	> 25 dB (5.1-5.9 GHz)

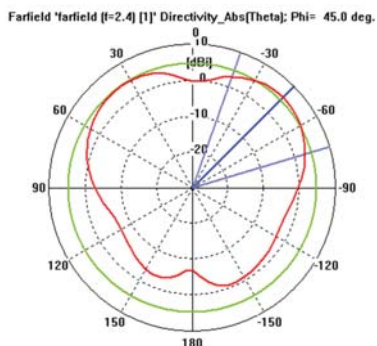
Technical Data

Maximum Power: 25 watts
Polarization: Vertical (2.4 GHz) Horizontal (5 GHz)
Nominal Impedance: 50 ohms
Mounting Method: Adjustable mounting bracket for suspended above ceiling tile installations sold separately (part # MACMAP-2A)

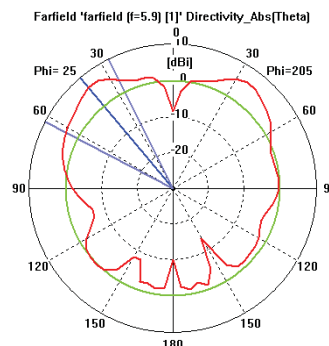
Mechanical Specifications

Cable	Connectors*	Dimensions
3-foot Plenum Rated RG-58/U	Reverse Polarity TNC	11" OD x 0.03" D

Radiation Patterns



Lowband Elevation Pattern



High Band Elevation Pattern

* Measured at the end of the 3-foot cables

** Other connector options also available