

Dipole (MA-ANT-3-B5/6)

The Dipole antenna is ideal for low ceiling installations where wall penetration or extended reach are important. Some example use cases are low-density deployments like schools and hotels to provide basic connectivity. These types of best-effort deployments usually have APs installed on walls or uneven surfaces. This antenna is bendable.



Specifications

Electrical

Antenna type: Dipole
 Frequency range: 2.400-2.500, 5.150-5.875 GHz
 Gain: 3 dBi (2.4) / 5.7 dBi (5)
 Polarization: Linear, vertical/horizontal
 Half power beamwidth / horizontal: Omni
 Half power beamwidth / vertical: 40°

Cables

N/A

Mounting

N/A

Physical and Environmental:

Dimensions: 3.51" x 0.57" (89.3 mm x 14.5 mm)
 Weight: 0.71 oz (20.19 g)
 Material: PC-ABS
 Temperature: 32 °F to 104 °F (0 °C to 40 °C)
 Humidity: 5% to 95%
 Connector: RP-TNC

Warranty

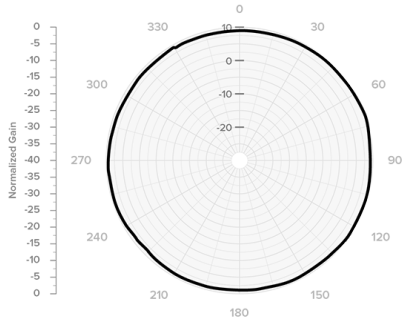
1 year hardware warranty included

Regulatory

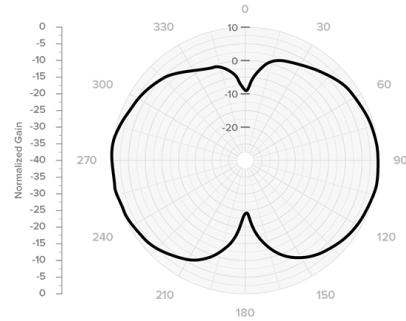
Certified for use with MR42E: MA-ANT-3-B5 (5-pack)
 Certified for use with MR53E: MA-ANT-3-B6 (6-pack)

MA-ANT-B1

Radiation Pattern for 2.4 GHz Antennas



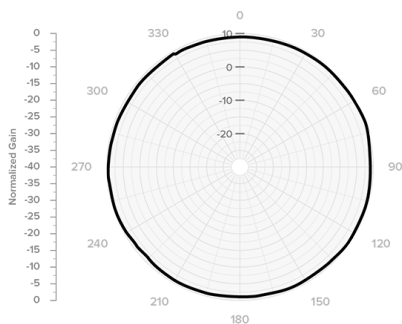
**H-Plane
Co-Polar**



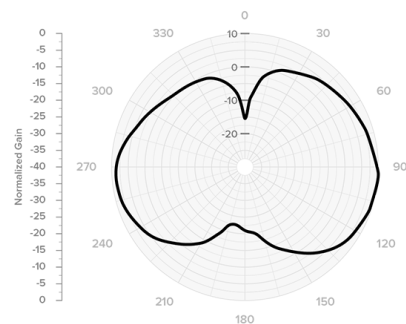
**V-Plane
Co-Polar**

MA-ANT-B1

Radiation Pattern for 5 GHz Antennas



**H-Plane
Co-Polar**



**V-Plane
Co-Polar**