

## 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

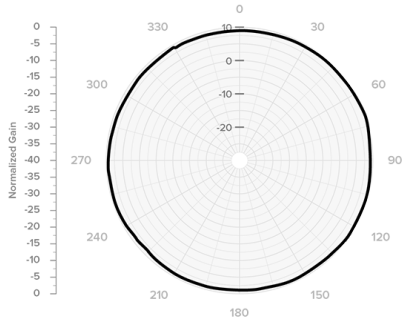
1 year hardware warranty included

### Regulatory

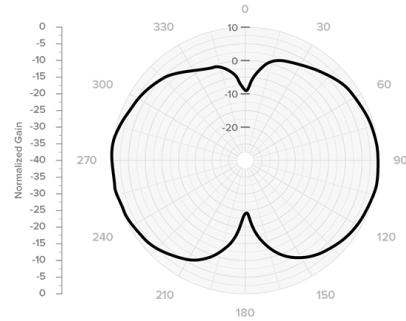
Certified for use with MR42E: MA-ANT-3-B5 (5-pack)  
 Certified for use with MR53E: MA-ANT-3-B6 (6-pack)

**MA-ANT-B1**

**Radiation Pattern for 2.4 GHz Antennas**



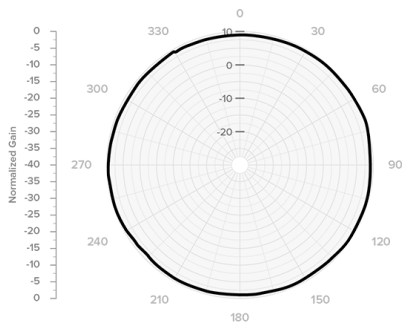
**H-Plane  
Co-Polar**



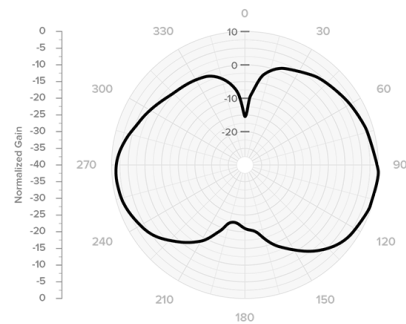
**V-Plane  
Co-Polar**

**MA-ANT-B1**

**Radiation Pattern for 5 GHz Antennas**



**H-Plane  
Co-Polar**



**V-Plane  
Co-Polar**