

Panel Omni (MA-ANT-3-C5/6)

The Panel Omni antenna is ideal for low ceiling aesthetic consensus installations where wall penetration or extended reach are important. Some example uses are low-density deployments like schools and hotels to provide basic low-performance connectivity. These types of best-effort deployments usually have APs installed in the hallway to cover adjacent rooms.

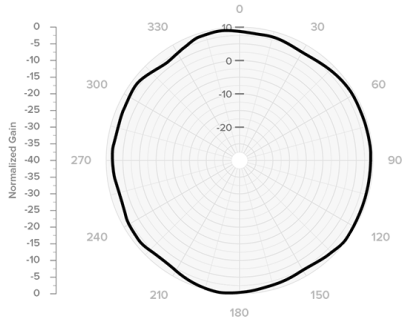


Specifications

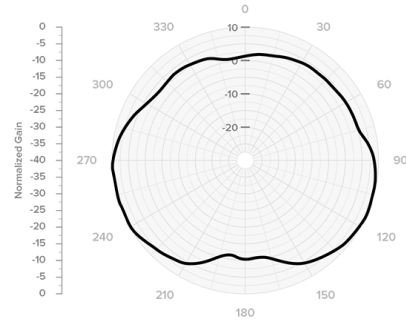
<p>Electrical</p> <p>Antenna type: Omni</p> <p>Frequency range: 2.400-2.500, 5.150-5.875 GHz</p> <p>Gain (per antenna element):</p> <ul style="list-style-type: none"> • C5: 4.9 dBi (2.4) / 4.9 dBi (5) • C6: 4.9 dBi (2.4) / 4.9 dBi (5) <p>Polarization: Linear, vertical/horizontal</p> <p>Half power beamwidth / horizontal: Omni</p> <p>Half power beamwidth / vertical: 60°</p>	<p>Physical and Environmental:</p> <p>Dimensions:</p> <ul style="list-style-type: none"> • C5: 11.81" x 1.38" (300 mm X 35 mm) • C6: 11.81" x 1.38" (300 mm x 35 mm) <p>Weight:</p> <ul style="list-style-type: none"> • C5: 34.39 oz (0.98 kg) • C6: 37.04 oz (1.05 kg) <p>Material: PC-ABS</p> <p>Temperature: 32 °F to 104 °F (0 °C to 40 °C)</p> <p>Humidity: 5% - 95%</p> <p>Connector: RP-TNC</p>
<p>Cables</p> <p>Times AA-9303, 1M</p>	<p>Warranty</p> <p>1 year hardware warranty included</p>
<p>Mounting</p> <p>Mounts to walls, poles, and ceiling tiles</p> <p>Flush-mount solution included</p> <p>Surface mount and pipe mount solution sold separately</p>	<p>Ordering Information</p> <p>MA-ANT-3-C5/6</p> <p>MA-MNT-ANT-3 (Horizontal Mounting Bracket)</p> <p>MA-MNT-ANT-4 (Vertical Mounting Bracket)</p>
	<p>Regulatory</p> <p>Certified for use with MR42E: MA-ANT-3-C5</p> <p>Certified for use with MR53E: MA-ANT-C6</p>

MA-ANT-C5

Radiation Pattern for 2.4 GHz Antennas



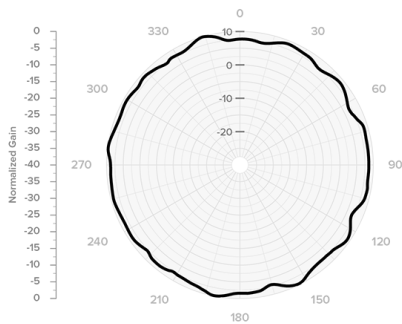
**H-Plane
Co-Polar**



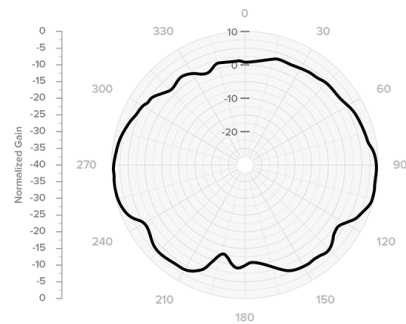
**V-Plane
Co-Polar**

MA-ANT-C5

Radiation Pattern for 5 GHz Antennas



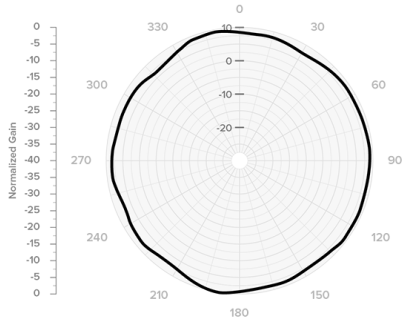
**H-Plane
Co-Polar**



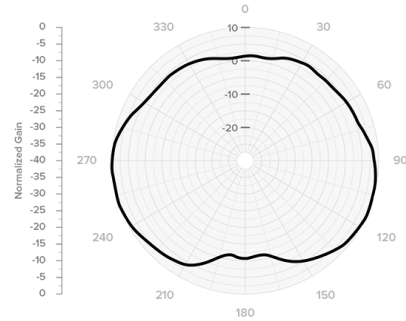
**V-Plane
Co-Polar**

MA-ANT-C6

Radiation Pattern for 2.4 GHz Antennas



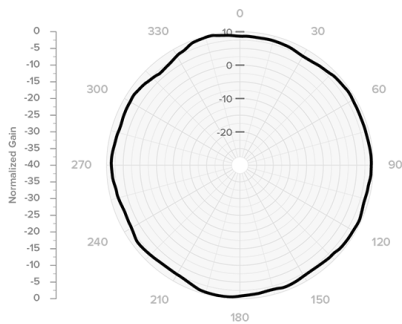
**H-Plane
Co-Polar**



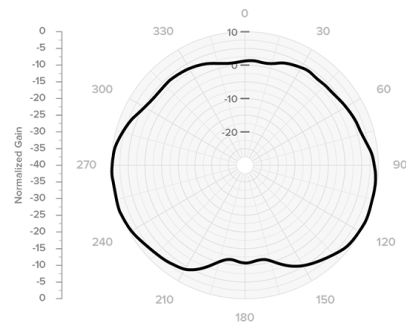
**V-Plane
Co-Polar**

MA-ANT-C6

Radiation Pattern for 5 GHz Antennas



**H-Plane
Co-Polar**



**V-Plane
Co-Polar**