

Wide Patch (MA-ANT-3-E5/6)

The Wide Patch antenna is ideal for wall-mounted deployments, aesthetic consensus installations in low-density applications and wall-mounted or ceiling-mounted below 25 ft in high-density applications. Some example use cases are in vestibules with very high ceilings but few devices connecting and lecture halls where install is close to the users.

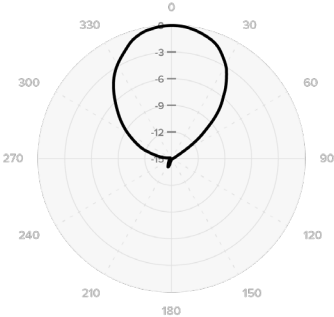


Specifications

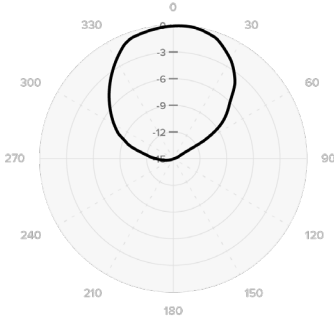
<p>Electrical</p> <p>Antenna type: Wide Patch</p> <p>Frequency range: 2.400-2.500, 5.150-5.875 GHz</p> <p>Gain (per antenna element):</p> <ul style="list-style-type: none"> E5: 7 dBi (2.4) / 6.3 dBi (5) E6: 7 dBi (2.4) / 6.3 dBi (5) <p>Polarization: Linear, +/- 45°</p> <p>Half power beamwidth / horizontal: 60° / 60°</p> <p>Half power beamwidth / vertical: 60° / 60°</p>	<p>Physical and Environmental:</p> <p>Dimensions:</p> <ul style="list-style-type: none"> E5: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm) E6: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm) <p>Weight:</p> <ul style="list-style-type: none"> E5: 38.8 oz (1.1 kg) E6: 41.27 oz (1.17 kg) <p>Material: PC-ABS</p> <p>Temperature: 32 °F to 104 °F (0 °C to 40 °C)</p> <p>Humidity: 5% - 93%</p> <p>Connector: RP-TNC</p>
<p>Cables</p> <p>AA-9303, 1M</p>	<p>Warranty</p> <p>1 year hardware warranty included</p>
<p>Mounting</p> <p>Surface mount nut included; compatible with MA-MNT-ANT-1 or MA-MNT-ANT-2 articulating arm mounts</p> <p>Mounts to walls and poles</p>	<p>Ordering Information</p> <p>MA-ANT-3-E5/6</p> <p>MA-MNT-ANT-1 (Standard Mounting Arm)</p> <p>MA-MNT-ANT-2 (Long Mounting Arm)</p>
	<p>Regulatory</p> <p>Certified for use with MR42E: MA-ANT-3-E5</p> <p>Certified for use with MR53E: MA-ANT-3-E6</p>

MA-ANT-E5

Radiation Pattern for 2.4 GHz Antennas



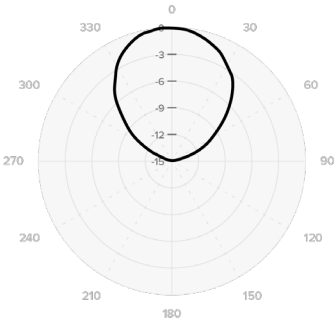
**H-Plane
Co-Polar**



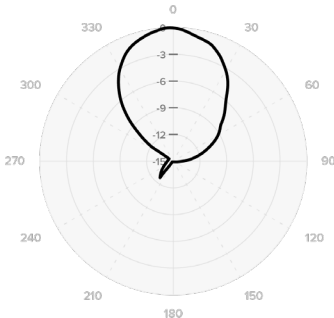
**V-Plane
Co-Polar**

MA-ANT-E5

Radiation Pattern for 5 GHz Antennas



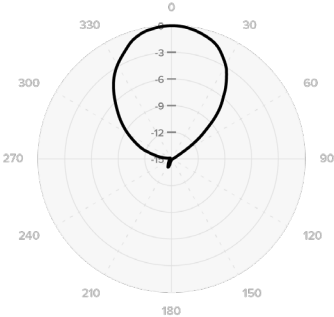
**H-Plane
Co-Polar**



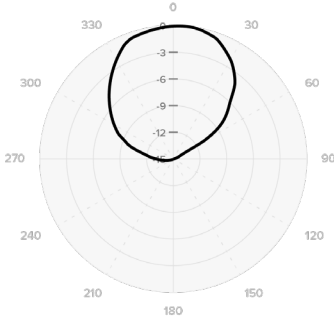
**V-Plane
Co-Polar**

MA-ANT-E6

Radiation Pattern for 2.4 GHz Antennas



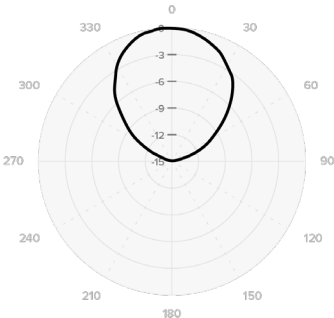
**H-Plane
Co-Polar**



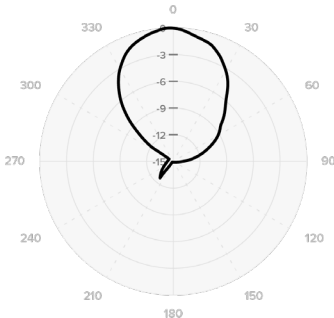
**V-Plane
Co-Polar**

MA-ANT-E6

Radiation Pattern for 5 GHz Antennas



**H-Plane
Co-Polar**



**V-Plane
Co-Polar**