

# 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.

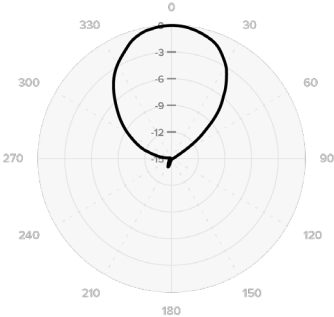


## Specifications

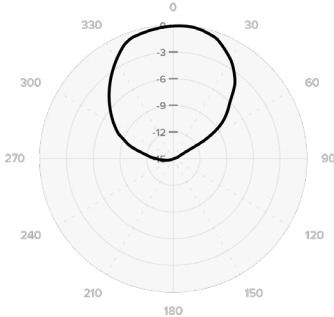
<p><b>Electrical</b></p> <p>Antenna type: Wide Patch</p> <p>Frequency range: 2.400-2.500, 5.150-5.875 GHz</p> <p>Gain (per antenna element):</p> <ul style="list-style-type: none"> <li>E5: 7 dBi (2.4) / 6.3 dBi (5)</li> <li>E6: 7 dBi (2.4) / 6.3 dBi (5)</li> </ul> <p>Polarization: Linear, +/- 45°</p> <p>Half power beamwidth / horizontal: 60° / 60°</p> <p>Half power beamwidth / vertical: 60° / 60°</p>	<p><b>Physical and Environmental:</b></p> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>E5: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm)</li> <li>E6: 10.83" x 10.83" 0.93" (275 mm x 275 mm x 23.5 mm)</li> </ul> <p>Weight:</p> <ul style="list-style-type: none"> <li>E5: 38.8 oz (1.1 kg)</li> <li>E6: 41.27 oz (1.17 kg)</li> </ul> <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><b>Cables</b></p> <p>AA-9303, 1M</p>	<p><b>Warranty</b></p> <p>1 year hardware warranty included</p>
<p><b>Mounting</b></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><b>Ordering Information</b></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><b>Regulatory</b></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**



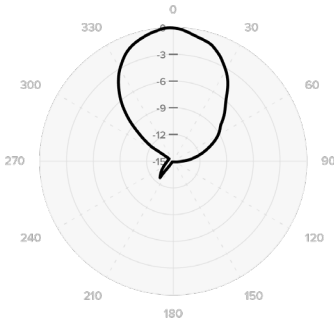
**V-Plane  
Co-Polar**

**MA-ANT-E5**

**Radiation Pattern for 5 GHz Antennas**



**H-Plane  
Co-Polar**



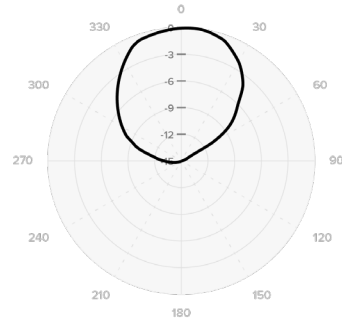
**V-Plane  
Co-Polar**

**MA-ANT-E6**

**Radiation Pattern for 2.4 GHz Antennas**



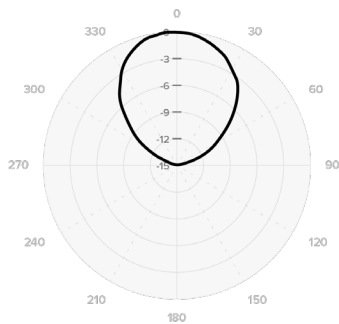
**H-Plane  
Co-Polar**



**V-Plane  
Co-Polar**

**MA-ANT-E6**

**Radiation Pattern for 5 GHz Antennas**



**H-Plane  
Co-Polar**



**V-Plane  
Co-Polar**