

# Narrow Patch (MA-ANT-3-F5/6)

The Narrow Patch antenna is ideal for high ceiling (25+ ft) aesthetic consensus installations in high-density applications and where APs are covering high-density users in small zones. Some example use cases are in large lecture halls/stadiums as well as event venue centers.

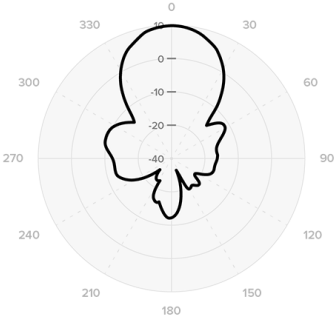


## Specifications

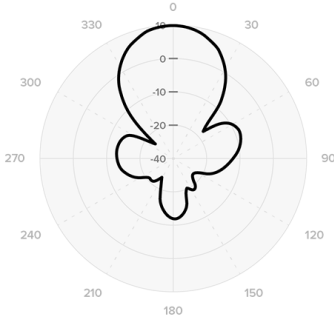
<p><b>Electrical</b></p> <p>Antenna type: Narrow Patch</p> <p>Frequency range: 2.400-2.500, 5.150-5.875 GHz</p> <p>Gain (per antenna element):</p> <ul style="list-style-type: none"> <li>F5: 11.2 dBi (2.4) / 10.8 dBi (5)</li> <li>E6: 11.2 dBi (2.4) / 10.8 dBi (5)</li> </ul> <p>Polarization: Linear, +/- 45°</p> <p>Half power beamwidth / horizontal: 30° / 30°</p> <p>Half power beamwidth / vertical: 30° / 30°</p>	<p><b>Physical and Environmental:</b></p> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>F5: 25.98" x 20.87" x 5.12" (660 mm x 530 mm x 130 mm)</li> <li>F6: 25.98" x 20.87" x 5.12" (660 mm x 530 mm x 130 mm)</li> </ul> <p>Weight:</p> <ul style="list-style-type: none"> <li>F5: 6.9 lbs (110.4 oz)</li> <li>F6: 7.1 lbs (113.6 oz)</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>Times AA-9303, 1M</p>	<p><b>Warranty</b></p> <p>1 year hardware warranty included</p>
<p><b>Mounting</b></p> <p>Mounting hardware and cables included</p> <p>Mounts to walls and poles</p>	<p><b>Ordering Information</b></p> <p>MA-ANT-3-F5/6</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-F5</p> <p>Certified for use with MR53E: MA-ANT-3-F6</p>

**MA-ANT-F5**

**Radiation Pattern for 2.4 GHz Antennas**



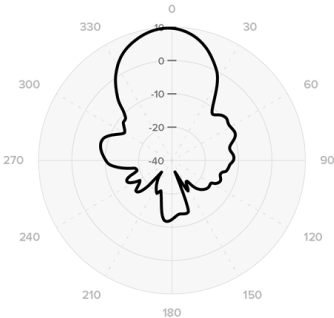
**H-Plane  
Co-Polar**



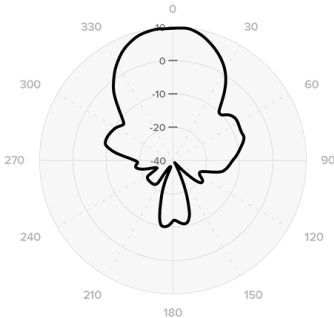
**V-Plane  
Co-Polar**

**MA-ANT-F5**

**Radiation Pattern for 5 GHz Antennas**



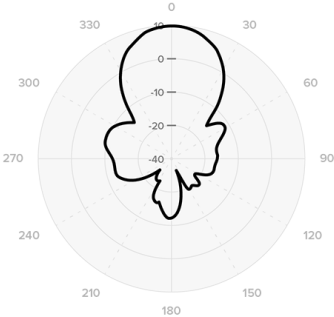
**H-Plane  
Co-Polar**



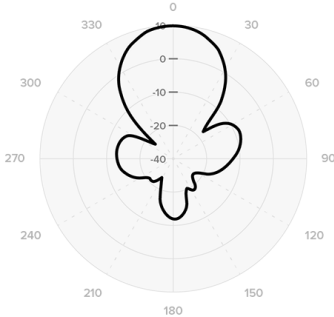
**V-Plane  
Co-Polar**

**MA-ANT-F6**

**Radiation Pattern for 2.4 GHz Antennas**



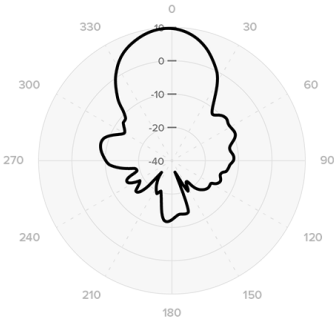
**H-Plane  
Co-Polar**



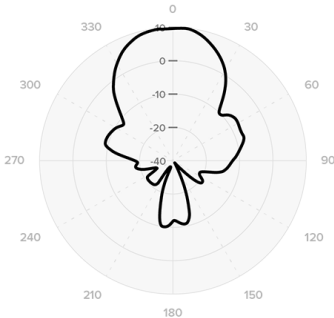
**V-Plane  
Co-Polar**

**MA-ANT-F6**

**Radiation Pattern for 5 GHz Antennas**



**H-Plane  
Co-Polar**



**V-Plane  
Co-Polar**