

# Downtilt Panel Omni (MA-ANT-3-D5/6)

The Downtilt Panel Omnidirectional antenna is ideal for medium ceiling (8-25ft) aesthetic consensus installations. Some example uses are medium-density deployments like cube office space and vestibules.

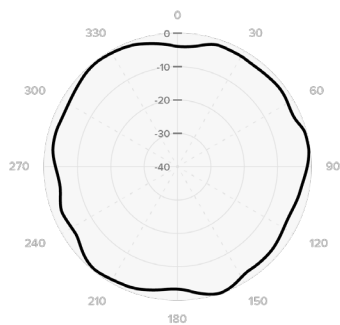


## Specifications

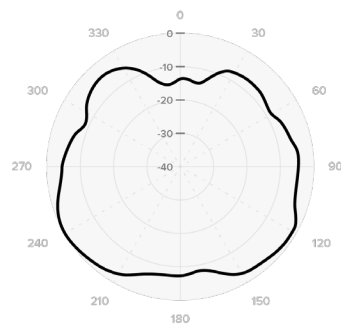
|                                                                                                                         |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                                                                                                       | <b>Physical and Environmental:</b>                                                                                            |
| Antenna type: Omni-directional                                                                                          | Dimensions:                                                                                                                   |
| Frequency range: 2.400-2.500, 5.150-5.875 GHz                                                                           | <ul style="list-style-type: none"><li>D5: 8.86" x 1.46" (225 mm x 37 mm)</li><li>D6: 8.86" x 1.46" (225 mm x 37 mm)</li></ul> |
| Gain (per antenna element):                                                                                             | Weight:                                                                                                                       |
| <ul style="list-style-type: none"><li>D5: 2.9 dBi (2.9) / 3.7 dBi (5)</li><li>D6: 2.9 dBi (2.9) / 3.7 dBi (5)</li></ul> | <ul style="list-style-type: none"><li>D5: 20.11 oz (0.57 kg)</li><li>D6: 20.81 oz (0.59 kg)</li></ul>                         |
| Polarization: Linear, vertical/horizontal                                                                               | Material: PC-ABS                                                                                                              |
| Half power beamwidth / horizontal: 360°                                                                                 | Temperature: 32 °F to 104 °F (0 °C to 40 °C)                                                                                  |
| Half power beamwidth / vertical: 60° / 60°                                                                              | Humidity: 5% - 93%                                                                                                            |
| Centered at +/- 45° down angle                                                                                          | Connector: RP-TNC                                                                                                             |
|                                                                                                                         |                                                                                                                               |
| <b>Cables</b>                                                                                                           | <b>Warranty</b>                                                                                                               |
| Aliner RG316, 1M                                                                                                        | 1 year hardware warranty included                                                                                             |
|                                                                                                                         |                                                                                                                               |
| <b>Mounting</b>                                                                                                         | <b>Ordering Information</b>                                                                                                   |
| Mounts to walls, poles, and ceiling tiles                                                                               | MA-ANT-3-D5/6                                                                                                                 |
| Flush-mount solution included                                                                                           | MA-MNT-ANT-3 (Horizontal Mounting Bracket)                                                                                    |
| Surface mount and pipe mount solution sold separately                                                                   | MA-MNT-ANT-4 (Vertical Mounting Bracket)                                                                                      |
|                                                                                                                         |                                                                                                                               |
|                                                                                                                         | <b>Regulatory</b>                                                                                                             |
|                                                                                                                         | Certified for use with MR42E: MA-ANT-3-D5                                                                                     |
|                                                                                                                         | Certified for use with MR53E: MA-ANT-3-D6                                                                                     |

MA-ANT-D5

Radiation Pattern for 2.4 GHz Antennas



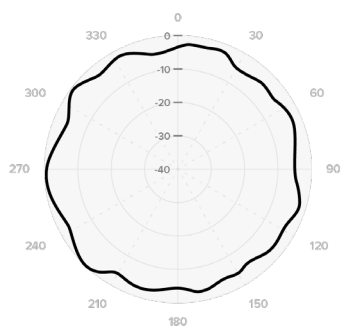
H-Plane  
Co-Polar



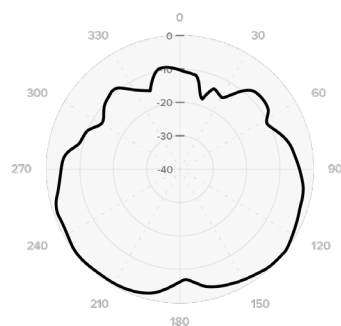
V-Plane  
Co-Polar

MA-ANT-D5

Radiation Pattern for 5 GHz Antennas



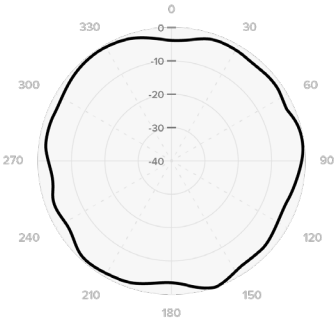
H-Plane  
Co-Polar



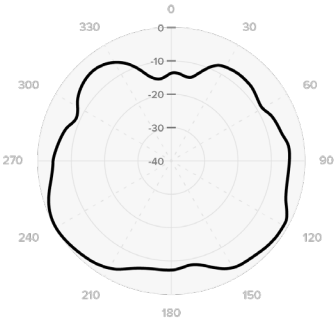
V-Plane  
Co-Polar

**MA-ANT-D6**

**Radiation Pattern for 2.4 GHz Antennas**



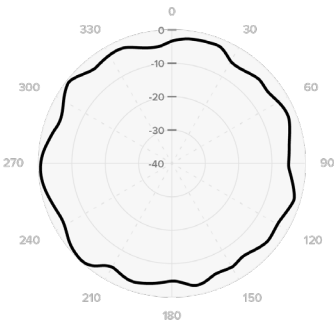
**H-Plane  
Co-Polar**



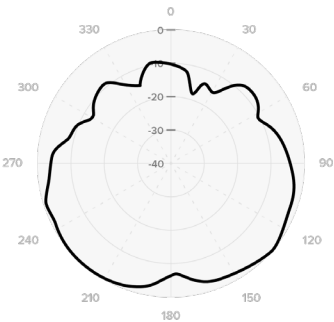
**V-Plane  
Co-Polar**

**MA-ANT-D6**

**Radiation Pattern for 5 GHz Antennas**



**H-Plane  
Co-Polar**



**V-Plane  
Co-Polar**