



**MP Antenna, LTD.**  
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**Model Number:** 08-ANT-0985  
**part number:** Various  
**product description:** 4.9-6 GHz Micro Omni Antenna

#### Electrical Data

|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| <b>frequency range:</b> 4.9-6 GHz               | <b>environmental conditions:</b> Outdoor      |
| <b>gain:</b> 3dBi                               | <b>operation temperature:</b> -40 to 85 deg C |
| <b>vswr:</b> 1.1-1.6:1                          | <b>storage temperature:</b> -40 to 85 deg C   |
| <b>horizontal pattern type:</b> Omnidirectional | <b>transport temperature:</b> -40 to 85 deg C |
| <b>vertical patter type:</b> Full               | <b>IP Rating:</b> IP67                        |
| <b>ground plane:</b> Built-In                   |                                               |
| <b>min ground plane:</b> N/A                    |                                               |

#### General Data

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| <b>color:</b> Black or White           | <b>length:</b> 1.0 in                |
| <b>antenna feeds:</b> One Feed         | <b>width:</b> 1.0 in                 |
| <b>coax length:</b> N/A                | <b>radome height:</b> 1.2 in         |
| <b>coax type:</b> N/A                  | <b>total height:</b> See Drawing     |
| <b>connector type:</b> Various         | <b>weight:</b> 2 oz                  |
| <b>polarization:</b> Multi-Polarized   | <b>mounting type:</b> Connector      |
| <b>power:</b> 50 Watts Input           | <b>hardware included:</b> Nut/Washer |
| <b>impedance:</b> 50 ohms nominal      |                                      |
| <b>construction:</b> UV Stabilized ASA |                                      |

#### Environmental Data

#### Mechanical Data

\* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.



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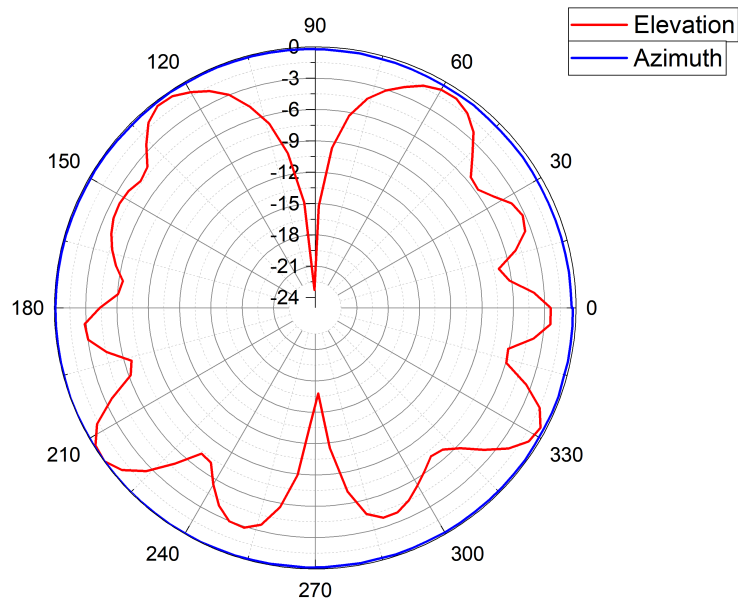


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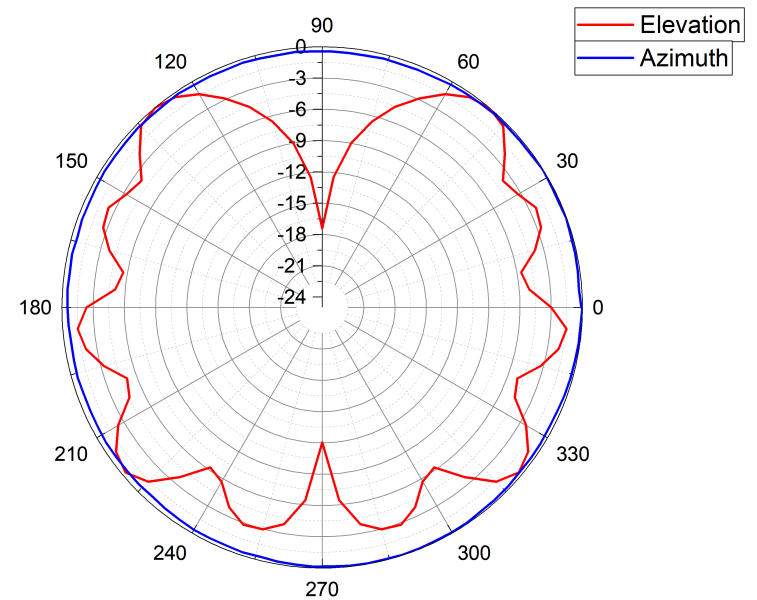
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Frequency: 4.95 GHz  
Gain: 3 dBi



Frequency: 5.15 GHz  
Gain: 3 dBi



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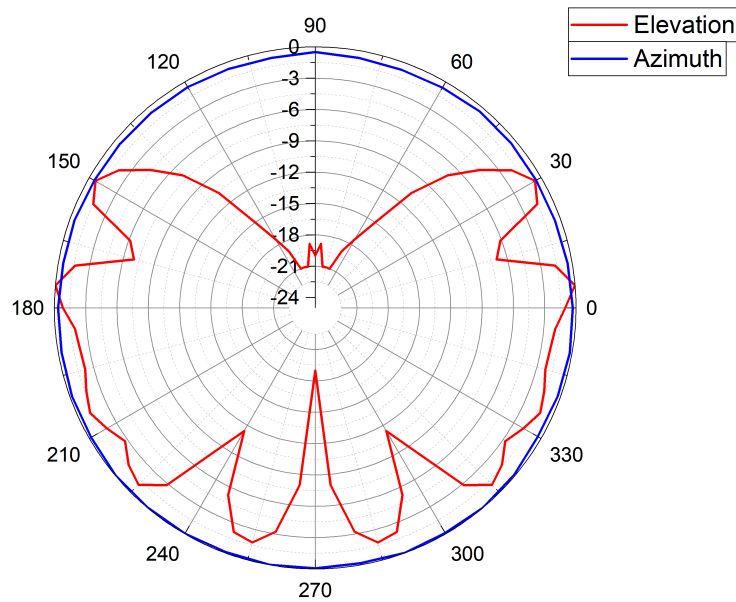


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**Model Number:** 08-ANT-0985  
**part number:** Various  
**product description:** 4.9-6 GHz Micro Omni Antenna

Frequency: 5.8 GHz  
Gain: 3 dBi



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