

## 4.4–6.05 GHz Dual-Polarization Omni-Directional Antenna

### QUICK LOOK:

- **Cost-effective solution for point-to-multipoint applications**
- **UV-protected radome suitable for harsh environmental installations**
- **Stable performance with exceptional 7 dBi of gain**



### Antenna Technology – Electrical

<b>Model</b>	N045070D034A – White N045070D040B – Green N045070D041B – Tan
<b>Frequency Range</b>	4.4 GHz to 6.05 GHz
<b>Gain, typical</b>	7 dBi
<b>VSWR, Maximum</b>	2:1
<b>Polarization Dual Pole</b>	Vertical and horizontal
<b>3 dB Beamwidth, Azimuth, typical</b>	Omni-directional
<b>3 dB Beamwidth, Elevation, typical</b>	-20°
<b>Input Power, Maximum</b>	10W
<b>Lightning Protection</b>	DC grounded
<b>Input Impedance</b>	50 Ohm

### Antenna Technology – Mechanical

<b>Dimensions (Height x Diameter)</b>	420 mm x 66 mm
<b>Weight</b>	500 g
<b>Connector</b>	2 x N-type, female
<b>Radome</b>	UV-protected plastic
<b>Mount</b>	2" pole mount (included)

### Antenna Technology – Environmental

<b>Operating Temperature Range</b>	-40°C to +65°C
<b>Vibration</b>	According to IEC 60721-3-4
<b>Wind Load</b>	200 km/h (survival)
<b>Flammability</b>	UL94
<b>Waterproofing</b>	IP67
<b>Humidity</b>	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
<b>Salt Fog</b>	According to IEC 68-2-11

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