



# AU24G6

## 2400-2500MHz 6 dBi Omnidirectional Antenna



The Altelix AU24G6 series omnidirectional antenna offers high gain and quality construction. It features a fiberglass radome attached to a rugged aluminum base. The unit features solid brass elements for superior performance and enhanced survivability. The mount can attach to a pole via the included U bolts or to a flat surface using screws.

<u>Features</u>	<u>Applications</u>
<ul style="list-style-type: none"> <li>• UV Stable Fiberglass Radome</li> <li>• All Weather Operation</li> <li>• Integral N Female Connector</li> <li>• Mast Mounting Brackets Included</li> <li>• Multiple Mounting Options</li> </ul>	<ul style="list-style-type: none"> <li>• 2.4 GHz 802.11b/g/n</li> <li>• Point to Multipoint Systems</li> <li>• 2.4 GHz WiFi Hotspots</li> <li>• SCADA and telemetry</li> <li>• Wireless Video</li> <li>• Bluetooth</li> </ul>

### Specifications

Frequency Range	2400-2483 MHz
Bandwidth	83 MHz
Gain	6dBi
Polarization	Vertical
Vertical Beamwidth	28 Degrees
Horizontal Beamwidth	360 Degrees
VSWR	<1.5:1
Impedance	50 Ohm
Maximum Power	50 Watts
Standard Connectors	N Female (AU24G6-NF) or N Male (AU24G6-NM)
Dimensions	Ø0.75x15.6 Inches (Ø19x395 mm)
Mast Diameter	1.2-2.0 Inches (30-50 mm)
Weight	1.4 Lbs. (0.65 Kg)
Temperature Range	-40 – 185F (-40 – 85C)
Lightning Protection	DC Short

RF Antenna Patterns

