

High-Gain Antenna Solutions

Tested for stability

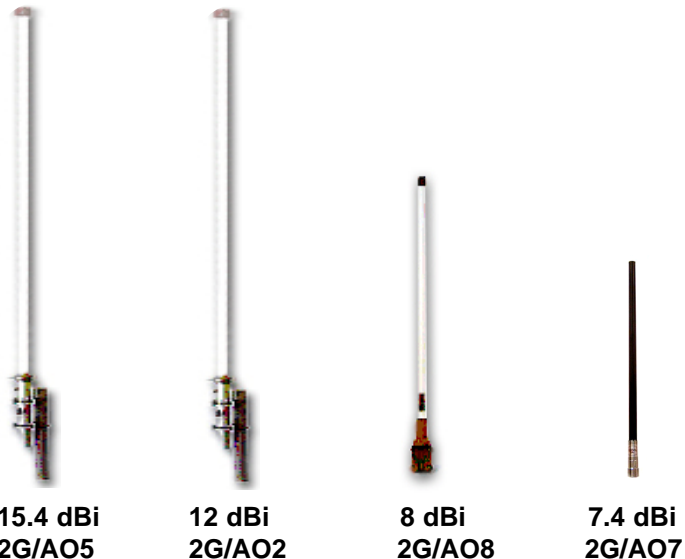
Made from sealed UV
Stabilized Fiberglass

Come complete with
mounting bracket



Omnidirectional Antennas

MikroTik high-performance Omnidirectional Antennas are specially designed for the 2.4 GHz band. Antennas are ideally suited for multipoint mobile applications where high-gain and wide-coverage is needed.



15.4 dBi
2G/AO5

12 dBi
2G/AO2

8 dBi
2G/AO8

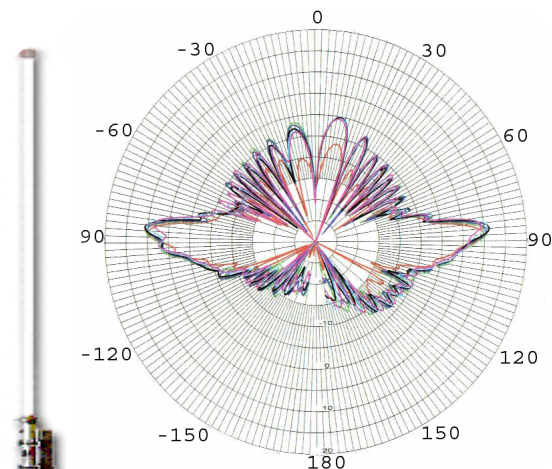
7.4 dBi
2G/AO7

15.4 dBi Omni Antenna (2G/AO5)

This 15.4 dBi high-performance Omnidirectional Antenna features an impressive gain for long-range multipoint applications. The mounting pipe helps protect the N-Female connector from moisture. Heavy duty fiberglass radome is durable enough to stand up to over 200 kilometers per hour wind gusts! Mounting is easy with two heavy duty extruded aluminium brackets and stainless steel U-Bolts. The high-gain also features a tight E-plane, that should be considered when installing in hilly areas.

Specifications

Frequency:	2.400 - 2.500 GHz
Gain:	15.4 dBi
VSWR:	1.5 : 1
Polarization:	Vertical
Max. Input Power:	100 Watts
Impedance:	50 Ohms
Windage:	>150 mph
Material:	Fiberglass Radome
Connector:	N-Female
Height:	178 cm
Weight:	1.16 kg
Available mast:	30-62 mm dia.
Color:	Marine White



Vertical Radiation Pattern

2400 GHz	
2441 GHz	
2483 GHz	
2500 GHz	

12 dBi Omni Antenna (2G/AO2)

The MikroTik 12 dBi Omni antenna has a 3-degree electrical downtilt that allows placing the client antenna at a lower position without signal loss. The client nodes, which are close to the base antenna and where it is difficult to mount the client antenna at the same height as the base antenna, now can also be provided with a high-quality wireless connection. The heavy duty antenna, designed for maximum distance and signal strength, is a smart solution for installations, where client locations are below the antenna or on the same height as the antenna. The mounting pipe is designed to protect the coax to antenna connection from wind/ice/snow. Thick fiberglass radome and two extruded aluminum brackets with heavy duty stainless steel hardware secures the antenna firmly in place.

3-degree electrical downtilt that allows placing the client antenna at a LOWER POSITION

Heavy duty fiberglass radome, 134+ mph wind survival

Extruded aluminum mounting brackets

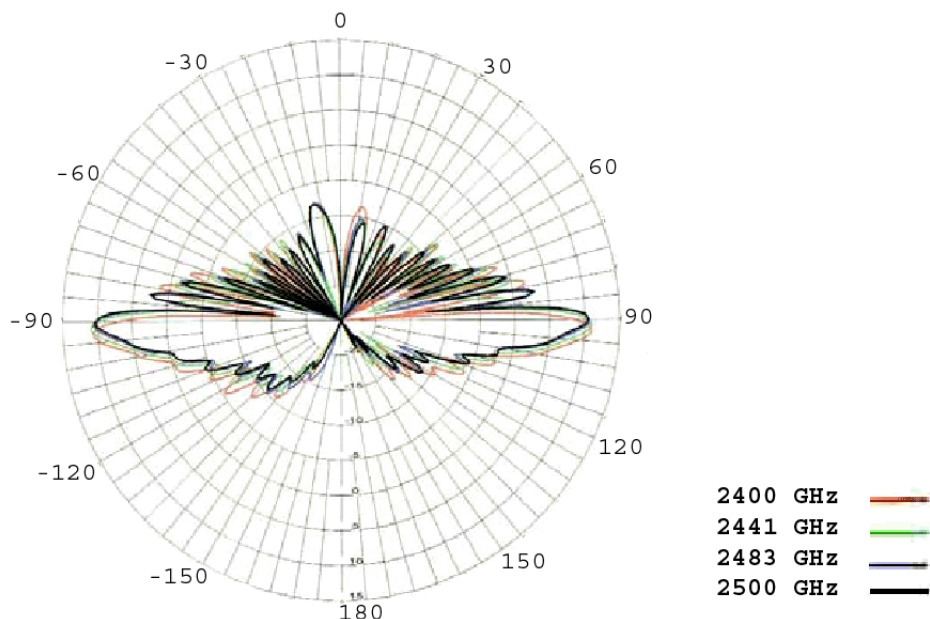
Waterproof coax to antenna connection

Ideal for the license free 2.4 GHz ISM band 802.11b and 802.11g standards



Specifications

Frequency:	2.400 - 2.500 GHz
Gain:	12 dBi
VSWR:	1.5 : 1
Polarization:	Vertical
3dB Beam Pattern:	5°
Downtilt:	3°
Cross Polarization:	14 dB
Max. Input Power:	100 Watts
Impedance:	50 Ohms
Windage:	>150 mph
Material (Antenna):	Fiberglass Radome
Material (Mount):	Extruded aluminum/stainless steel
Connector:	N-Female
Height:	178 cm
Weight:	1.16 kg
Available mast:	30-62 mm dia.
Color:	Marine White



Vertical radiation pattern

Optimized for
2.4 GHz ISM Band

Rugged, Lightweight
and Waterproof

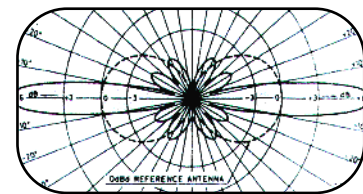


8 dBi Omni Antenna (2G/AO8)

The MikroTik 8 dBi Omni antenna is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style base station antenna, sealed in a high-quality, conical glassfiber tube. Antenna is provided with the sturdy "LW" mast mount - a lightweight, multipurpose, epoxy-coated mounting bracket made of non-corrosive aluminum. The accompanying U-bolts and fittings are made of stainless steel. All metal parts in the antenna are DC-grounded to reduce the noise caused by atmospherical discharge.

Specifications

Frequency:	2400-2500 MHz
Gain:	8 dBi
Polarization:	Vertical
Bandwidth:	> 200 MHz at VSWR <2.0
VSWR:	< 2.0
Max Input Power:	100 Watts
Impedance:	50 Ohms
Wind Surface:	Approx. 0.04 m ²
Windage:	100 mph
Connector:	N-Female
Materials:	Fiberglass Radome
Height:	1.2 m
Weight:	1.2 kg
Available Mast:	16-54 mm dia.
Color:	Marine white



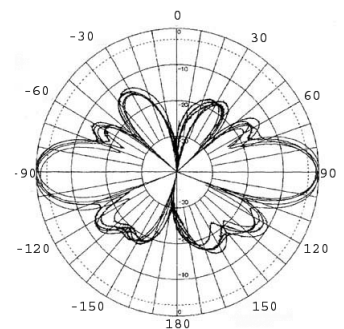
Vertical radiation pattern

7.4 dBi Omni Antenna (2G/AO7)

High-gain, wide-band mobile Omnidirectional Antenna is specially designed for Point-to-multipoint transmissions over long range and wide coverage. No frequency adjustment is required. Antenna may be mounted direct on the bulkhead connector, easy mountable with included clamp.

Specifications

Frequency:	2.400 - 2.500 GHz
Gain:	7.4 dBi
Polarization:	Vertical
Type:	5 step 1/2 wave
Max. Input Power:	50 Watts
Impedance:	50 Ohms
Material:	Fiberglass Radome
Windage:	130 mph
Connector:	N-Male
Height:	48 cm
Weight:	0.14 kg
Color:	Black



Vertical radiation pattern

For order information, contact sales@mikrotik.com