

MikroTik Antenna series

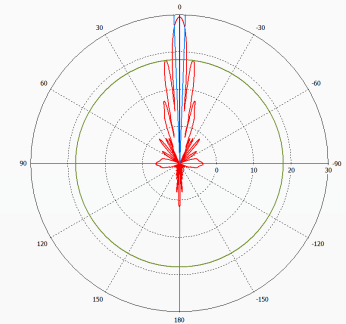
The **MikroTik Antenna** is a professional class 30dBi dish antenna, built to the highest industry standards. Built to seamlessly accommodate our Basebox series products, but can be used for any wireless device in this frequency range.

Two antennas are available, with a **standard type mount (MTAD-5G-30D3)**, and with a **precision alignment mount (MTAD-5G-30D3-PA)**. The antennas come packaged with all necessary accessories and cables.

Electrical Specifications

Frequency Range	4.7-5.875 GHz
Gain	30 dBi typically
Dual Polarization	Vertical and Horizontal
3dB Beamwidth	+/-2.5 deg
Standards	Complies with EN 302 326 DN1, DN2, DN3, DN5
VSWR	≤ 1.4 typ, ≤ 1.8 max
Port to Port Isolation	>40dB min
Front-to-Back Ratio	>30 dB
Cross Polarization	>40 dB
Power Rating	100 watts
Impedance	50 ohms
Elevation adjustment range	+/- 20 deg (MTAD-5G-30D3), +/- 15 deg (MTAD-5G-30D-PA)

Horizontal polarization



Physical/Environmental Specifications

Diameter x Depth	27.5 x 17.8in (70 x 45cm)
Weight neto, without BASEBOX and RADOME	12.6 lbs (5.7kg) PA and 10.7 lbs (4.8kg) standard version
Reflector	Aluminum
Outdoor Rating	ETSI EN 300 019-2-4
Wind Survivability	125mph (201kph)
Wind Load (125 mph)	400 lbs, 174 lbs with radome
Operating Temperature	-49°F to 158°F (-50°C to 80°C)
Pole Mount Diameter Range	(MTAD-5G-30D3): 1.2 to 2.75in (3 to 7cm) (MTAD-5G-30D-PA): 1.2 to 3.9in (3 to 10cm)
Connector (2)	Type RPSMA
Packaged size	29x29x8in (73x73x20cm)
Packaged weight	(MTAD-5G-30D3): 7.5 kg, (MTAD-5G-30D3-PA): 8.4 kg
Package includes	RF Cables x 2pcs; Bracket for mounting BASEBOX series radio; Self-Bonding Tape for insulating the RF cables x 2 slices; Precise alignment mechanisms (PA Version only)

Vertical polarization

