

MikroTik Antenna series

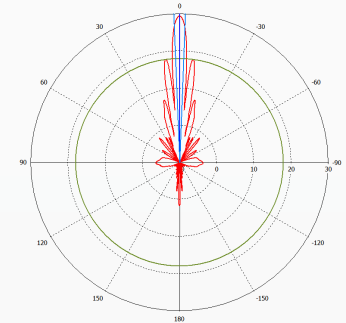
The MikroTik Antenna is a professional class 30dBi dish antenna, built to the highest industry standards. Built to seamlessly accommodate our Basebox series products, but can be used for any wireless device in this frequency range.

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

