

## WiMAX Outdoor High Gain Patch Antenna for 3.3 - 3.8 GHz

### OA-3618

The 3.3-3.8 GHz Flat Panel Directional antennas offer high gain in a thin low profile package. The antennas are constructed of a white color UV Resistant ABS plastic radome with an aluminum back plate. The stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The antenna comes with an integral N Female connector standard.



### General Specifications

Frequency	3.3 - 3.86 GHz
Impedance	50Ω
Gain	18 dBi (optional 16 dBi)
VSWR	≤ 2.0
Polarization	Linear , Vertical
Radiation Pattern	Directional
Front/Back Ratio	20 dB
HPBW	18°@E-PLANE
3dB Beam Width	22°@H-PLANE
Operating Temp	-30°C~80°C

### Environmental & Mechanical Characteristics

Dimensions	360*220*40(mm)
Weight	1.5kg
Pole Diameter	23~46mm
Rated Wind Velocity	50m/s@mount height 40m
Connector	N-Jack

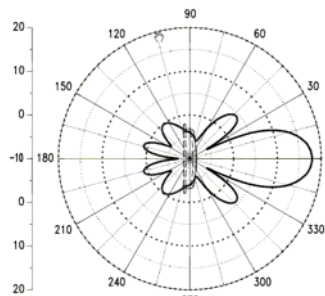
### Applications:

- WiMAX 802.16d/e Systems
- Point to Multi-point Systems
- For Base Station or CPE
- Near Non-Line-of-Sight (NLOS)
- Wireless Broadband Systems
- For both Outdoor and Indoor

### Features:

- Stylish Design
- Pole Wall Mount or Ceiling Mount
- Low Profile
- Easy Installation
- UV Resistance
- High Gain, High Performance
- Meet EU RoHS Standard

### Patterns H-Plane



### Patterns E-Plane

