

# Base Station WiFi/WiMax Antenna

## WDB-2.3G-170

## WDB-2.5G-170

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This WiMax base station antennas is designed with durable UV and chemical resistant fiberglass and stainless steel for maximum durability in outdoor environments.

It is a high gain, high power and high sensitivity antenna with narrow beam width.

### Specification

Frequency:	2300 – 2500/2500-2700Mzh
Bandwidth:	2000 MHz
Nominal Impedance:	50 Ohm
Gain:	17dBi
WSWR:	< 1.5:1
Electrical down tilt:	1 – 5 degree
Horizontal Beamwidth (3dB):	68 degree(Low Band) /65 degree (Hi Band)
Vertical Beamwidth (3dB):	7 degree (Low Band) /6.5 degree (Hi Band)
Polarization:	Vertical
Side lobe Suppression:	15 dB (min)
F/B ratio:	28 dB (min)
Isolatoin:	30 dB (min)
Cross Polar Ratio:	15 dB (min)
Max. Power:	200 W
Connector:	2 X N-female
Lighting Protection:	DC Ground

### Mechanical Parameters

Color:	White Aluminum
Dimension (mm):	1200 x 165 x 88 mm
Weight:	12 Kg
Rated Wind Velocity	60 m/s
Installation:	40-60mm diameter pole