

## 746-869 MHz, 3 dB Gain MAXRAD Fiberglass Base Station (MFB) Omnidirectional Antennas

This is an omnidirectional base station antenna that provides 3 dB gain within the specified frequency. It is designed for mast mounting.

### Features

- N female connector
- Thick walled aluminum mounting base
- White fiberglass radome

### Antenna Electrical Specifications

Model	Frequency Range	Nominal Gain	Vertical Beamwidth at Half Power	Horizontal Beamwidth at Half Power
MFBW7463	746-869 MHz	3 dB	40°	360°

### Mechanical Specifications

Model	Antenna Length	Weight (Mass)	Temperature Range
MFBW7463	27"	1.5 lbs	-40°C to +70°C

  

Model	Lateral Thrust at Rated Wind with 1/2" of Ice	Equivalent Flat Plate Area with 1/2" of Ice	Wind Survival with 1/2" of Ice
MFBW7463	20 lbf	.22 ft <sup>2</sup>	125 mph


**MAXRAD**

### Technical Data

<b>General Specifications:</b> 746-869 MHz omnidirectional antenna
<b>Maximum Power:</b> 50 watts
<b>Normal Impedance:</b> 50 ohms
<b>Polarization:</b> Vertical
<b>VSWR:</b> < 1.8:1
<b>Termination:</b> N female
<b>Mounting Method:</b> MMK12 heavy duty cast mast mount (sold separately)

For detailed specifications, visit <http://antenna.pctel.com>.