

## BoatAnt-Mini™

### 7dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

The BoatAnt-Mini™ is a top quality, omnidirectional antenna that can be used as an external antenna for amplifiers/repeaters/boosters (GSM/PCS/DCS/2G/3G/4G/AWS/UMTS/WiMAX), direct-connect antenna for cellular devices such as cell phones, modems, and mobile hotspots, direct-connect antenna for Wi-Fi devices, and direct-connect antenna for WiMAX devices. It is meant for the outdoors and the mount type is for pole/mast. The BoatAnt-Mini™ has a bandwidth of 700MHz to 5200MHz and a peak gain of 7.4 dB. Its nominal impedance is 50 Ohms and its connector type is N-Female. The BoatAnt-Mini™ weighs 9.6 ozs (270 g) and measures 5.7 x 4.6 x 4.6 in (14.25 x 11.5 x 11.5 cm). The BoatAnt-Mini™ is a durable, high-efficiency antenna with top-notch features and performance, and it's made in the USA with high quality components and skilled craftsmanship.



### Main Features

- Perfect as an external antenna for amplifiers/repeaters/boosters (GSM/PCS/DCS/2G/3G/4G/AWS/UMTS/WiMAX), direct-connect antenna for cellular devices such as cell phones, modems, and mobile hotspots, direct-connect antenna for Wi-Fi devices, and direct-connect antenna for WiMAX devices
- Very wide operational bandwidth of 700MHz to 5200MHz. Peak gain of 7.4 dB. Omnidirectional radiation type with pole/mast type mount
- Nominal impedance of 50 Ohms with vertical polarization and recommended mainly for outdoors use
- All-weather protected with wind resistance up to 140 mph (225 kmh) and operating temperature of -40°F to 185°F (-40°C to 185°C). Horizontal radiation pattern of 360°
- Made in the USA with high quality components and skilled craftsmanship. One year manufacturer warranty included

### Data Sheet and Technical Specifications

Trademark Name **BoatAnt-Mini™**

Part Number / SKU BTM-50-OHM

UPC 633643376883

Applications External antenna for amplifiers/repeaters/boosters (GSM/PCS/DCS/2G/3G/4G/AWS/UMTS/WiMAX), direct-connect antenna for cellular devices such as cell phones, modems, and mobile hotspots, direct-connect antenna for Wi-Fi devices, and direct-connect antenna for WiMAX devices

Environment Outdoors

## 7dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Radiation Type	Omnidirectional
Mount Type	Pole/Mast
Connector Type	N-Female
Bandwidth	700MHz to 5200MHz
Nominal Gain at 750MHz	5 dB
Nominal Gain at 800MHz	5.2 dB
Nominal Gain at 850MHz	5.4 dB
Nominal Gain at 900MHz	5.6 dB
Nominal Gain at 1700MHz	6 dB
Nominal Gain at 1800MHz	6.2 dB
Nominal Gain at 1900MHz	6.4 dB
Nominal Gain at 2100MHz	6.6 dB
Nominal Gain at 2400MHz	6.8 dB
Nominal Gain at 2500MHz	7 dB
Nominal Gain at 2600MHz	7.2 dB
Nominal Gain at 2700MHz	7.4 dB
Nominal Gain at 3500MHz	8 dB
Standing Wave Ratio (VSWR) at 750MHz	1.2:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 800MHz	1.3:1 typical (1.6:1 max)

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Standing Wave Ratio (VSWR) at 850MHz	1.2:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 900MHz	1.2:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 1700MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 1800MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 1900MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 2100MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 2400MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 2500MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 2600MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 2700MHz	1.2:1 typical (1.4:1 max)
Standing Wave Ratio (VSWR) at 3500MHz	1.2:1 typical (1.5:1 max)
Nominal Impedance	50 Ohms
Front-Back Ratio	N/A

## 7dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Polarization	Vertical
Horizontal Beamwidth	360°
Vertical Beamwidth	85°
Maximum Continuous Applicable Power	115 W
Power Requirements	None (passive antenna)
Net Weight (Mount Included when applicable)	9.6 ozs (270 g)
Dimensions (Height x Width x Depth)	5.7 x 4.6 x 4.6 in (14.25 x 11.5 x 11.5 cm)
Wind Rate Resistance	140 mph (225 kmh)
Lightning Protection	Optional
Radome Material	UV-Protected ABS Plastic
Operating Temperature	-40°F to 185°F (-40°C to 185°C)
Other Features	All-weather protected
Production Status	<b>Active</b>