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## OmniWide™

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### 8dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

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The OmniWide™ is a top quality, omnidirectional antenna that can be used as an internal/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 indoors/outdoors and the mount type is for desktop/magnetic. The OmniWide™ has a bandwidth of 700MHz to 5200MHz and a peak gain of 8.4 dB. Its nominal impedance is 50 Ohms and its connector type is SMA-Female. The OmniWide™ weighs 1.4 lbs (630 g) and measures 4.8 x 8.1 x 8.1 in (12 x 20.25 x 20.25 cm). The OmniWide™ 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.



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#### Main Features

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- Perfect as an internal/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 8.4 dB. Omnidirectional radiation type with desktop/magnetic type mount
- Nominal impedance of 50 Ohms with vertical polarization and recommended mainly for indoors/outdoors use
- with wind resistance up to N/A 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

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#### Data Sheet and Technical Specifications

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Trademark Name	<b>OmniWide™</b>
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Part Number / SKU	OMNW-50-OHM
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UPC	633643377101
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Applications	Internal/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
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Environment	Indoors/Outdoors
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## 8dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Radiation Type	Omnidirectional
Mount Type	Desktop/Magnetic
Connector Type	SMA-Female
Bandwidth	700MHz to 5200MHz
Nominal Gain at 750MHz	6 dB
Nominal Gain at 800MHz	6.2 dB
Nominal Gain at 850MHz	6.4 dB
Nominal Gain at 900MHz	6.6 dB
Nominal Gain at 1700MHz	7 dB
Nominal Gain at 1800MHz	7.2 dB
Nominal Gain at 1900MHz	7.4 dB
Nominal Gain at 2100MHz	7.6 dB
Nominal Gain at 2400MHz	7.8 dB
Nominal Gain at 2500MHz	8 dB
Nominal Gain at 2600MHz	8.2 dB
Nominal Gain at 2700MHz	8.4 dB
Nominal Gain at 3500MHz	9 dB
Standing Wave Ratio (VSWR) at 750MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 800MHz	1.1:1 typical (1.3:1 max)

## 8dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Standing Wave Ratio (VSWR) at 850MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 900MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 1700MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 1800MHz	1.1:1 typical (1.3:1 max)
Standing Wave Ratio (VSWR) at 1900MHz	1.1:1 typical (1.3:1 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 (1.4:1 max)
Nominal Impedance	50 Ohms
Front-Back Ratio	N/A

## 8dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Polarization	Vertical
Horizontal Beamwidth	360°
Vertical Beamwidth	115°
Maximum Continuous Applicable Power	55 W
Power Requirements	None (passive antenna)
Net Weight (Mount Included when applicable)	1.4 lbs (630 g)
Dimensions (Height x Width x Depth)	4.8 x 8.1 x 8.1 in (12 x 20.25 x 20.25 cm)
Wind Rate Resistance	N/A
Lightning Protection	N/A
Radome Material	UV-Protected ABS Plastic
Operating Temperature	-40°F to 185°F (-40°C to 185°C)
Other Features	
Production Status	<b>Active</b>