

## GiAnt™

### 28dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

The GiAnt™ is a top quality, directional 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 GiAnt™ has a bandwidth of 700MHz to 2900MHz and a peak gain of 23 dB. Its nominal impedance is 50 Ohms and its connector type is FME-Male and N-Female. The GiAnt™ weights 2.2 lbs (1000 g) and measures 71 x 12 x 12 in (177.5 x 30 x 30 cm). The GiAnt™ 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 2900MHz. Peak gain of 23 dB. Directional 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 100 mph (161 kmh) and operating temperature of -40°F to 185°F (-40°C to 185°C). Horizontal radiation pattern of 25°
- Made in the USA with high quality components and skilled craftsmanship. One year manufacturer warranty included

#### Data Sheet and Technical Specifications

Trademark Name	<b>GiAnt™</b>
Part Number / SKU	GANT-50-OHM
UPC	633643377040
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

## 28dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Radiation Type	Directional
Mount Type	Pole/Mast
Connector Type	FME-Male and N-Female
Bandwidth	700MHz to 2900MHz
Nominal Gain at 750MHz	24 dB
Nominal Gain at 800MHz	24.5 dB
Nominal Gain at 850MHz	25 dB
Nominal Gain at 900MHz	26 dB
Nominal Gain at 1700MHz	27 dB
Nominal Gain at 1800MHz	27 dB
Nominal Gain at 1900MHz	28 dB
Nominal Gain at 2100MHz	27 dB
Nominal Gain at 2400MHz	26 dB
Nominal Gain at 2500MHz	25 dB
Nominal Gain at 2600MHz	24 dB
Nominal Gain at 2700MHz	23 dB
Nominal Gain at 3500MHz	N/A
Standing Wave Ratio (VSWR) at 750MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 800MHz	1.4:1 typical (1.8:1 max)

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Standing Wave Ratio (VSWR) at 850MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 900MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 1700MHz	1.3:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 1800MHz	1.3:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 1900MHz	1.3:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 2100MHz	1.3:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 2400MHz	1.3:1 typical (1.5:1 max)
Standing Wave Ratio (VSWR) at 2500MHz	1.4:1 typical (1.6:1 max)
Standing Wave Ratio (VSWR) at 2600MHz	1.4:1 typical (1.6:1 max)
Standing Wave Ratio (VSWR) at 2700MHz	1.5:1 typical (1.7:1 max)
Standing Wave Ratio (VSWR) at 3500MHz	1.5:1 typical (1.7:1 max)
Nominal Impedance	50 Ohms
Front-Back Ratio	23 dB

## 28dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

Polarization	Vertical
Horizontal Beamwidth	25°
Vertical Beamwidth	25°
Maximum Continuous Applicable Power	75 W
Power Requirements	None (passive antenna)
Net Weight (Mount Included when applicable)	2.2 lbs (1000 g)
Dimensions (Height x Width x Depth)	71 x 12 x 12 in (177.5 x 30 x 30 cm)
Wind Rate Resistance	100 mph (161 kmh)
Lightning Protection	Optional
Radome Material	N/A
Operating Temperature	-40°F to 185°F (-40°C to 185°C)
Other Features	All-weather protected
Production Status	<b>Active</b>