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SleekAnt™

5dB Wide Band Antenna for Amplifiers, Boosters, Repeaters, Modems, Hotspots

The SleekAnt™ is a top quality, semi-directional 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 and the mount type is for desktop/wall. The SleekAnt™ has a bandwidth of 700MHz to 5200MHz and a peak gain of 5.4 dB. Its nominal impedance is 50 Ohms and its connector type is SMA-Female. The SleekAnt™ weights 1.8 ozs (52 g) and measures 1.6 x 5.3 x 1.8 in (4 x 13.25 x 4.5 cm). The SleekAnt™ 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 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 5.4 dB. Semi-Directional radiation type with desktop/wall type mount
- Nominal impedance of 50 Ohms with vertical polarization and recommended mainly for indoors 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

Data Sheet and Technical Specifications

Trademark Name **SleekAnt™**

Part Number /
SKU SLA-50-OHM

UPC 633643377125

Applications Internal/external antenna for amplifiers/repeaters/boosters (GSM/PCS/DCS/2G/3G/4G/AWS/UMTS/WiMAX), direct-connect antenna for cellular



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devices such as cell phones, modems, and mobile hotspots, direct-connect antenna for Wi-Fi devices, and direct-connect antenna for WiMAX devices

Environment	Indoors
Radiation Type	Semi-Directional
Mount Type	Desktop/Wall
Connector Type	SMA-Female
Bandwidth	700MHz to 5200MHz
Nominal Gain at 750MHz	3 dB
Nominal Gain at 800MHz	3.2 dB
Nominal Gain at 850MHz	3.4 dB
Nominal Gain at 900MHz	3.6 dB
Nominal Gain at 1700MHz	4 dB
Nominal Gain at 1800MHz	4.2 dB
Nominal Gain at 1900MHz	4.4 dB
Nominal Gain at 2100MHz	4.6 dB
Nominal Gain at 2400MHz	4.8 dB
Nominal Gain at 2500MHz	5 dB
Nominal Gain at 2600MHz	5.2 dB
Nominal Gain at 2700MHz	5.4 dB
Nominal Gain at 3500MHz	6 dB
Standing Wave Ratio (VSWR) at 750MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 800MHz	1.4:1 typical (1.7:1 max)



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Standing Wave Ratio (VSWR) at 850MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 900MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 1700MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 1800MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 1900MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 2100MHz	1.5:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 2400MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 2500MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 2600MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 2700MHz	1.4:1 typical (1.8:1 max)
Standing Wave Ratio (VSWR) at 3500MHz	1.3:1 typical (1.8:1 max)
Nominal Impedance	50 Ohms
Front-Back Ratio	N/A
Polarization	Vertical
Horizontal Beamwidth	360°
Vertical	175°



Beamwidth

Maximum

Continuous 35 W

Applicable Power

Power

Requirements None (passive antenna)

Net Weight

(Mount Included 1.8 ozs (52 g)

when applicable)

Dimensions

(Height x Width x 1.6 x 5.3 x 1.8 in (4 x 13.25 x 4.5 cm)

Depth)

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 **Active**

SleekAnt™ Radiation Patterns and Additional Diagrams

Technical specifications are subject to change without notice