

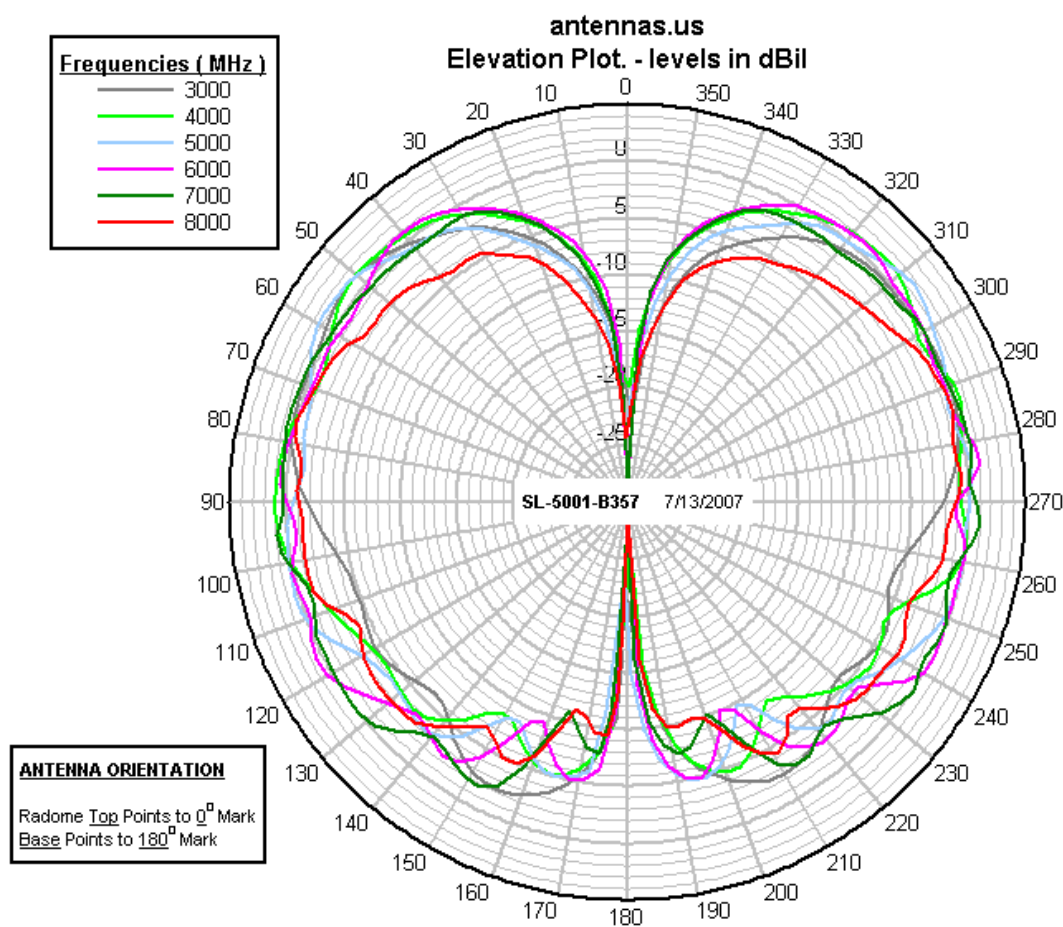
DATASHEET



SL-5001-B357 Broadband Omni Antenna 3.0-8.0 GHz, SMA Female

The SL-5001-B357 is a broadband omni-directional antenna for high bandwidth telemetry, LAN/WAN networking, low microwaves surveillance applications, UAV comms, etc. It measures 4 cm/1.5" OD x 11 cm/4.5" H and is designed to conveniently mount onto any structure, by means of a single 1/4" (6.4 mm) hole. Its internal radiating structure is self-contained and operates well with or without a ground plane, providing an all-around (omni) coverage with a low azimuthal ripple. Its elevation pattern is frequency stable across the spectrum for the low dispersion of wide bandwidth emissions.

Antenna Model SL-5001-B357



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5425 NW 24th Street #201 ▪ Margate, Florida 33063 ▪ 954-345-5000

SPECIFICATIONS:

- Frequency range: 3.0-8.0 GHz
- Coverage: Omnidirectional
- Polarization: Linear, typically Vertical
- Gain: 0 dBil (free space) / +3 dBil (when effectively installed over a ground plane)
- Nominal Impedance: 50 ohm (RF)
- Input Power: 10 Watt CW
- VSWR: 3.0 GRAPH
- Connector: SMA, Female
- Dimensions:
 - Housing 4 cm (1.5") OD x 11 cm (4.5") h
 - Bottom flange 5 cm (2") OD x 13 mm (0.5") h
- Mounting: 1 screw, 1/4"-20
- Operating Temperatures: -40C to +85C
- Weight: 250 g / 0.5 lbs
- Shipping Weight: 300 g / 0.6 lbs

NOTES:

- Does not require a ground plane
- Specifications and prices are subject to change without notice

This product is compatible with the following Antenna Accessories:

- 12 cm (5") Magnetic Base
- 7 cm (3") Magnetic Base
- 9 cm (3.5") Suction Cup

Recommended Cable Assemblies

- LMR240 - use for cables longer than 1 meter (3 ft)
- LMR195 - use for cables shorter than 1 meter (3 ft)

Specify desired length from drop-down menu

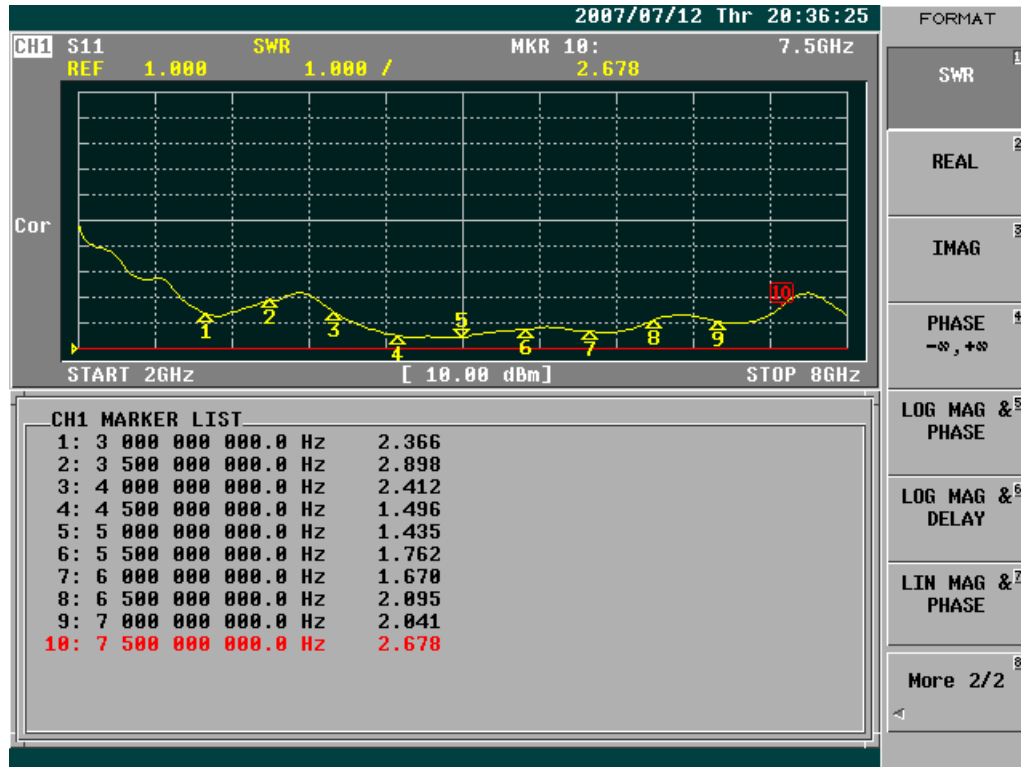
Specify desired connector for the device end

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SL-5001-B357 Broadband Omni Antenna VSWR GRAPH



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