

Outdoor Omni-Directional Wide Band Antenna



SC-288W: Outdoor Omni Antenna

For use with residential and commercial amplifiers

Overview

Designed for maximum flexibility with multiple carriers and cell towers in most environments, the SureCall SC-288W Omni Antenna is an omni-directional 50 Ohm fiberglass outdoor antenna that operates in a 360° field of propagation with a range of up to 30 miles.

This wideband outside antenna transmits and receives signals in all directions and is designed to cover 2G/3G/4G and WLAN systems for Cellular, PCS, AWS and LTE frequencies.

The provided hardware allow for either a surface mount or pole-mount.

Features

- 50 Ohm antenna with F-Female connector
- Omni-directional 3-4 dB gain
- Wideband (698-2700 MHz)
- 2G/3G/4G and WLAN systems
- Designed for outdoor use only
- Easy to install

Technical specifications

Frequency (MHz)	698 – 960 / 1700 – 2700
Input Impedance	50 ohm
Antenna Gain	2 – 3 dB (at 698 – 960 MHz) 3 – 4 dB (at 1700 – 2700 MHz)
VSWR	≤1.8
Power Rating (W)	10
Polarization Type	Vertical
Radiation	Omni-directional
Max Power	100 Watt
Connector type	N-Female
Dimensions	2.625 in. diameter x 9.25 inches
Color	White
Operating Temperature	-22° F to +176° F
Mount	Mounts to vertical surface (roof or wall), Provided U-bolts also allow for pole-mount (pole not provided)
Beamwidth	E:72 H:92 / E:50 H:80
Ground-plane	Built-in ground plane
Material	Fiberglass



Installation

The SC-288W omni-directional outside antenna includes mounting hardware that allow for either a surface mount or pole-mount.

The antenna should be mounted in an upright position.