

ANT-127-001

9 dBi 24-Inch Omni-Directional Fiberglass Antenna



Applications

- 3G / 4G / LTE
- 900 MHz ISM
- 2.4 GHz Wi-Fi
- M2M
- Telemetry / SCADA
- Video Security
- Marine
- Office & Home



Product Features

- Weatherproof, Compact & Lightweight
- No Ground Plane Needed
- N-Female Connector on 12" pigtail
- Pole or Wall Mountable
- Compatible with Worldwide Cellular Networks
- Compatible with most Cellular Modems/Routers
- Includes Mounting Hardware

Ordering Information

Part No.	Description
ANT-127-001	Proxicast 9 dBi 24-Inch Omni-Directional Permanent Mount Outdoor Fiberglass Antenna

General Description

Proxicast introduces the industry's first high-gain permanent mount omni-directional antenna for all 3G and 4G/LTE, xLTE, AWS frequencies. This antenna is compatible with all 3G and 4G/LTE services from Verizon Wireless, AT&T Wireless, Sprint, T-Mobile, US Cellular, Bell Mobility, Rogers Wireless, Telus, Sasktel, Telcel, Movistar, Digicel and many other cellular operators worldwide.

Proxicast's 24" multi-band cellular antenna is ideal for many outdoor applications, including building rooftops, utility poles, surveillance trailers, well sites, remote telemetry units, meters, boats, homes and offices. This omni-directional 9 dBi gain cellular antenna improves signals on all 3G & 4G/LTE cellular bands (700, 850, 900, 1700, 1800, 1900 and 2100 MHz) used in the USA, Canada and Mexico.

This antenna is also suitable for unlicensed 900 MHz (ISM) radio applications and 2.4 GHz Wi-Fi / ISM band use.

The omni-directional design provides high gain without the cell tower location and antenna alignment hassles of directional antennas.

For MIMO applications, use our X-BOOM cross-over bracket (ANT-800-XB1) to mount 2 ANT-127-001 antennas to a single mast.

Note: Mast not included.

ANT-127-001

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Electrical Specifications

Parameter	Rating
Frequency Range	698~2700 MHz
Peak Gain	9 dBi
VSWR	$\leq 3.0:1$
Input Impedance	50 Ohm
Polarization	Vertical
Max Input Power	50 W
Ground Plane	Not Required
DC Grounded	Yes

Mechanical Specifications

Parameter	Rating
Connector Type	N-Female
Cable Length	11.8 in (300 mm) LMR 195 coax
Mounting	Pole or Wall Mount Includes 2.5 in dia. U-Bolts
Dimensions	0.91 x 23.6 in (23 x 600 mm)
Materials	Urethane coated fiberglass Stainless steel Zinc coated steel (mounting hardware)
Antenna Color	Grey
Weight	9.6 oz (272 g) excluding U-Bolts
Operating Temperature	-30°C to +75°C

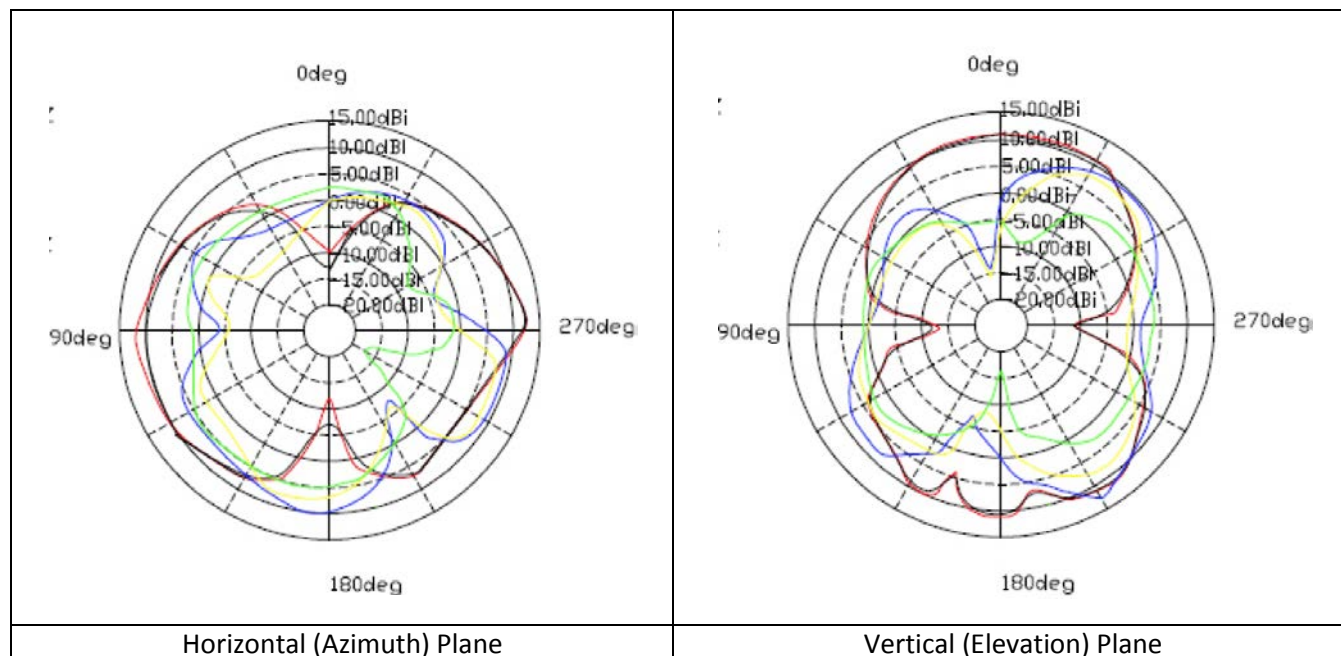
Operation of this device outside the parameter ranges given above may cause permanent damage.

ANT-127-001

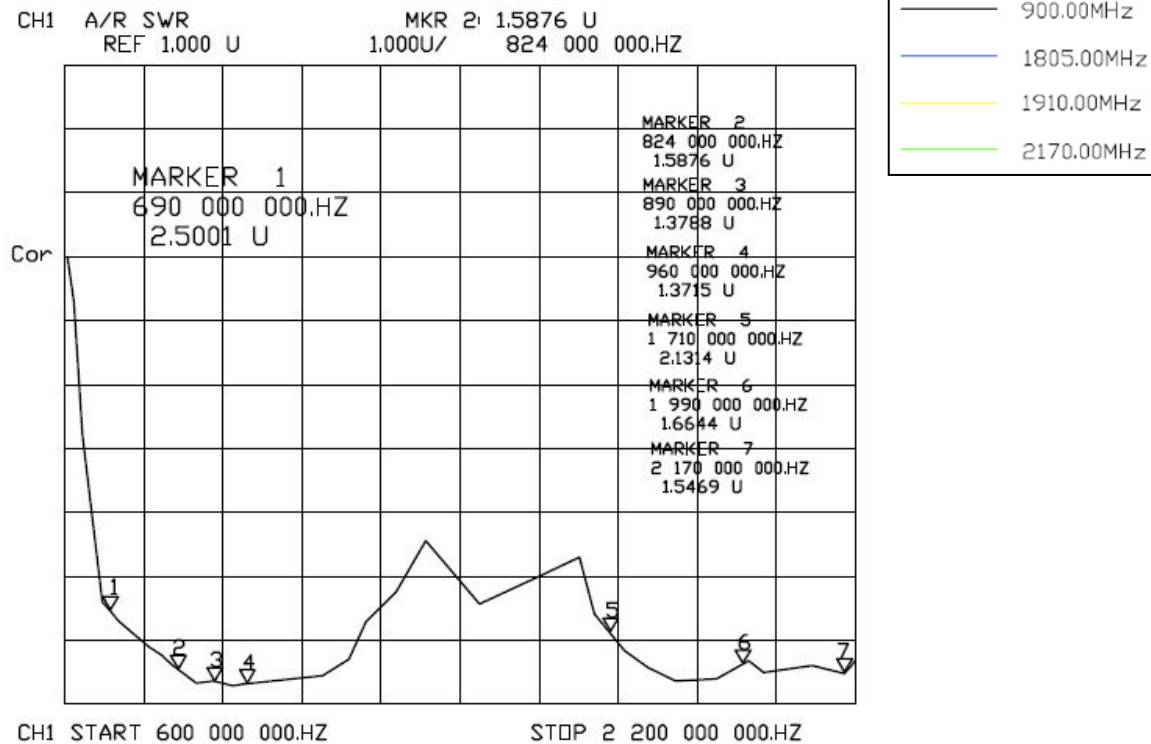
9 dBi 24-Inch Omni-Directional Fiberglass Antenna



Radiation Patterns



VSWR



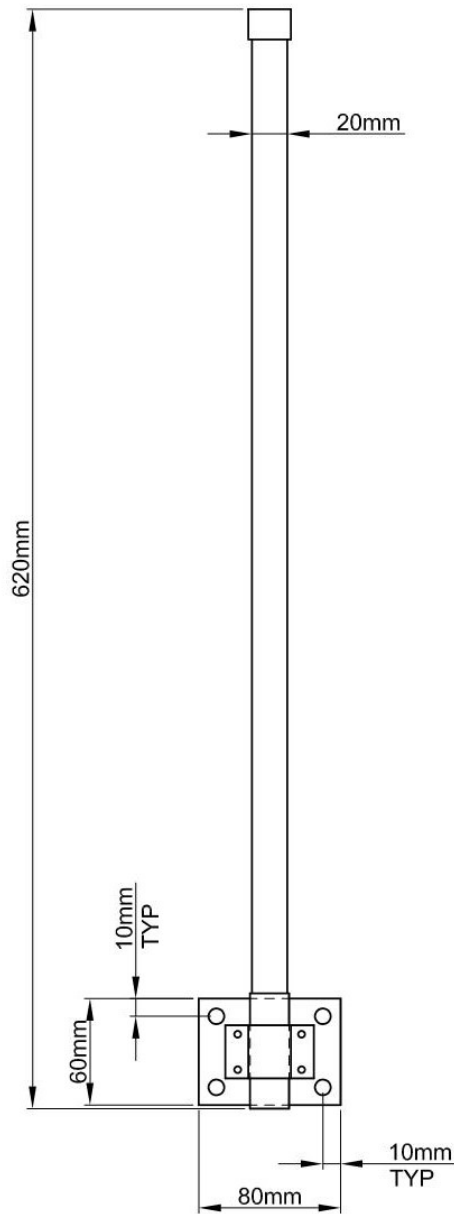
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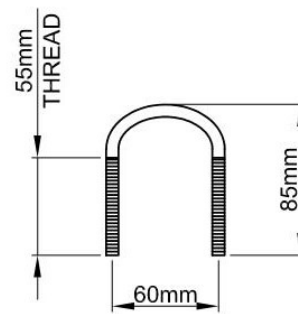


Mechanical Dimensions

Dimensions in millimeters



FRONT VIEW



"U" BOLT

ANTENNA
ANT-127-001

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Additional Product Images



ANT-127-001

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Contact Information

For the latest specifications, additional product information, worldwide sales and information about Proxicast:

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