

2.4/5GHz Dual Band Omni-directional Antenna

ANT-OM5D-KIT

Installation Guide

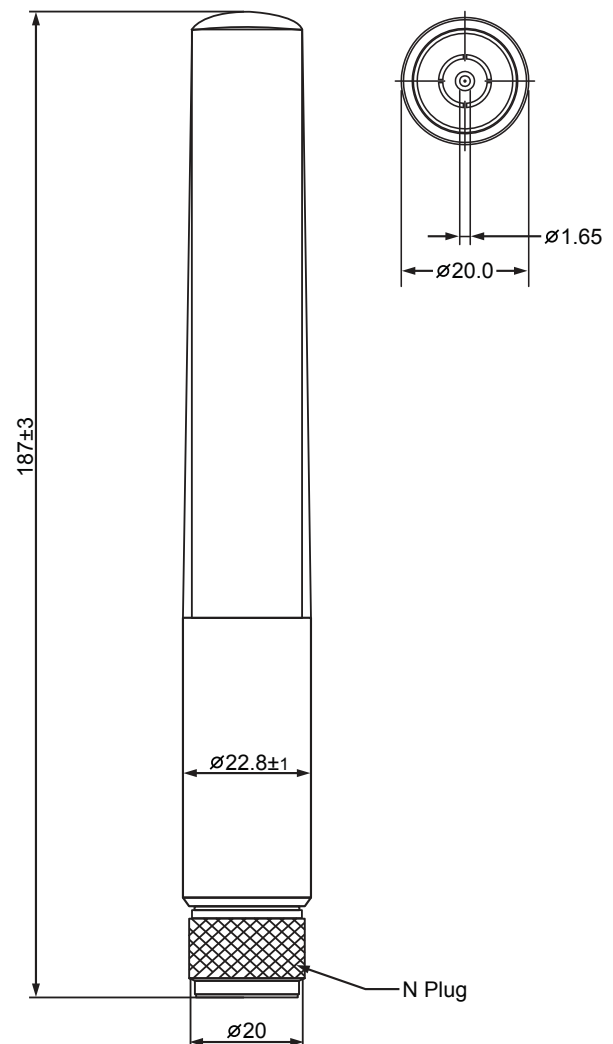
1. Package Contents:

- ANT-OM5D-KIT x 1 (ANT-OM5D x 2 included)

2. Specifications:

Electrical Specifications	
Frequency Range	2.4GHz & 5GHz
Antenna Gain	2.4GHz: 4.5dBi 5GHz: 7dBi
Antenna Radiation Type	Omni-directional
V.S.W.R.	≤ 2.0
Polarization	Vertical
Impedance	50 Ω
HPBW / Horizontal	360 degrees
HPBW / Vertical	2.4GHz: 80 degrees 5GHz: 55 degrees
Operating Temperature	-20 ~ 65 degrees C

Mechanical Specifications	
Connector Type	N Type Male (N Type Plug)
Dimensions (Φ x H)	23 x 187mm
Weight	65g
Radome Color	White
Radome Material	ABS
Connector Material	Brass





OUTDOOR INSTALLATION WARNING

IMPORTANT SAFETY PRECAUTIONS:

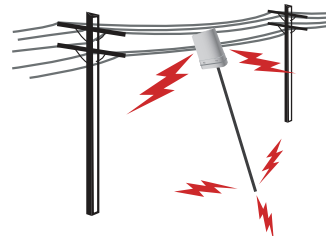
LIVES MAY BE AT RISK! Carefully observe these instructions and any special instructions that are included with the equipment you are installing.

CONTACTING POWER LINES CAN BE LETHAL

Make sure no power lines are anywhere where possible contact can be made. Avoid contact with antennas, masts, towers, guy wires or cables that may lean or fall. You may be injured or killed if you are touching or holding any part of equipment that comes in contact with electrical lines. Make sure that equipment or personnel must not come in contact directly or indirectly with power lines.

Assuming all overhead lines are power lines:

The horizontal distance from a tower, mast or antenna to the nearest power line should be at least twice the total length of the mast/antenna combination. This will ensure that the mast will not contact power if it falls either during installation or later.



TO AVOID FALLING, USE SAFE PROCEDURES WHEN WORKING AT HEIGHTS ABOVE GROUND

Select equipment locations that will allow safe, simple equipment installation.

- Don't work alone. A friend or co-worker can save your life if an accident happens.
- Use approved non-conducting ladders and other safety equipment. Make sure all equipment is in good repair.
- If a tower or mast begins falling, don't attempt to catch it. Stand back and let it fall.
- If anything such as a wire or mast does come in contact with a power line, **DON'T TOUCH IT OR ATTEMPT TO MOVE IT.** Instead, save your life by calling the power company.
- Don't attempt to erect antennas or towers on windy days.

MAKE SURE ALL TOWERS AND MASTS ARE SECURELY GROUNDED, AND ELECTRICAL CABLES CONNECTED TO ANTENNAS HAVE LIGHTNING ARRESTORS. This will help prevent fire damage or human injury in case of lightning, static build-up, or short circuit within equipment connected to the antenna.

- The base of the antenna mast or tower must be connected directly to the building protective ground or to one or more approved grounding rods, using 1 OAWG ground wire and corrosion-resistant connectors.
- Refer to the National Electrical Code for grounding details.

IF A PERSON COMES IN CONTACT WITH ELECTRICAL POWER, AND CANNOT MOVE:

- **DON'T TOUCH THAT PERSON, OR YOU MAY BE ELECTROCUTED.**
- Use a non-conductive dry board, stick or rope to push or drag them so they no longer are in contact with electrical power.
- Once they are no longer contacting electrical power, administer CPR if you are certified, and make sure that emergency medical aid has been requested.