

## High-Gain 8 dBi 2.4 GHz Outdoor WiFi Antenna MOUNTING GUIDE

1. Insert U-bolts around a 1.5" to 2" pole and secure with washers and screw nuts.
2. Mount in a vertical orientation.



### Safety Instructions:

1. Read and understand all safety and operating instructions prior to installing the antenna.  
Retain Instructions: The safety and operating instructions should be retained for future reference.
2. Water and Moisture: Coaxial sealant around openings and connections of device and antenna will prevent damage when used outdoors. Use device in a vertical position.
3. Never use a utility pole to mount the device and antenna or to use as a support. Never climb a utility pole.
4. Antenna installations can be dangerous because many times it involves the use of a ladder and a possible fall. Do Not install antenna on a wet, snowy or windy day or if a thunderstorm is approaching especially when on top of a building or ladder.
5. The antenna can be struck by lightning, which can be fatal. We recommend a licensed and insured installation by a qualified person. If you are unsure of your competency regarding the installation, it is best to seek the help of a qualified professional antenna installer.
6. In the event of storms, disconnect the antenna from your device. This will prevent damage caused by lightning.
7. The installation or dismantling of any antenna near power lines is dangerous. Each year hundreds of people are killed or injured while attempting to install or dismantle an antenna.



### ***Before Use***



**Please read these IMPORTANT SAFETY WARNINGS before use.  
It is important to read and understand all instructions.**

#### **Lightning**

You may need to ground your antenna if you live in an area prone to lightning.

#### **Power Lines**

Never mount an antenna near power lines. If a power line falls and comes in contact with your antenna, DO NOT TRY TO REMOVE IT.  
Call your local power company.

#### **Wind**

Installing an antenna on windy days can be dangerous. Slight winds can create strong forces against the antenna equipment.

**If you have any doubts about your ability to install your antenna safely, please hire a licensed, bonded professional to do the work.**

C. Crane is not responsible or liable for damage or injury resulting from antenna installations.



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More tips to protect your house and contents from lightning:  
[http://www.lightningsafety.com/nlsi\\_lhm/IEEE\\_Guide.pdf](http://www.lightningsafety.com/nlsi_lhm/IEEE_Guide.pdf)

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The one year warranty covers parts, but does not cover any costs incurred in removal, shipping or reinstallation of the product. This limited warranty does not apply if the product is damaged, deteriorates, malfunctions or fails from: misuse, improper installation, abuse, neglect, accident, tampering, modification of the product as originally manufactured, usage not in accordance with product instructions or acts of nature such as damage caused by wind, lightning, ice or corrosive environments such as salt spray and acid rain.

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## SPECIFICATIONS SHEET

### 8 dBi 2.4 GHz Outdoor WiFi Antenna



Frequency Range:	2400 - 2500 MHz
Antenna Gain:	8dBi
Polarization Type:	Vertical
VSWR:	$\leq 2.0$
Horizontal Beamwidth:	360°
Vertical Beamwidth:	20°
Connector Type:	N-Female
Input Impedance:	50Ω
Directional:	Omni
Plastic Material:	UV-Resistant ABS
Operating Temperature:	-4°F to 176°F
Mount Type:	Mounts to a Pole (not included)
Diameter of Pole Needed:	1.5" ~ 2"
Antenna Dimensions:	1" W x 22" H
Antenna Weight:	14 oz
Warranty:	1-Year Limited