

## EnGenius™ Optional External Antenna Installation Instructions

For safety and optimum performance, be sure to read these instructions carefully.

### Order Information

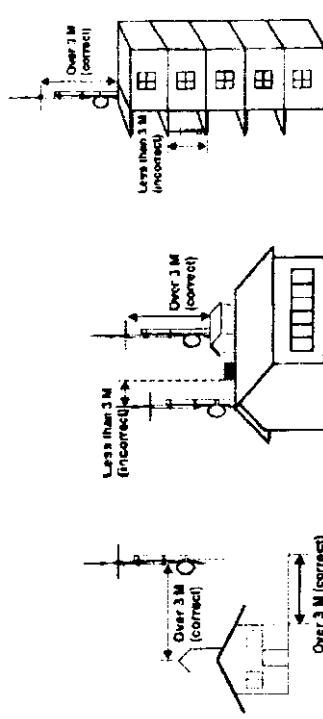
Please order the EnGenius™ SN-900 Ultra External Antenna.

### Warning

- For your safety, keep the antenna away from electric power lines to avoid electric shock.
- Do not install the antenna in the rain to avoid lightning strikes.

### Site Selection

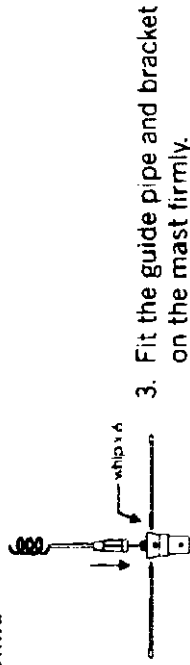
- The higher the antenna is installed, the better the communication will be. If you can install the antenna higher than surrounding obstructions, the communication range will be better.
- The antenna should be on the roof and maintain a three meter (10 feet) clearance in all directions.



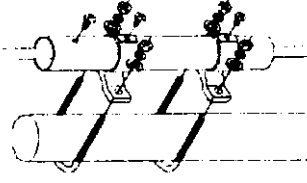
### Antenna Installation

1. Find a mast (metal pole) that is longer than five meters and 25 to 50 mm (1" to 1.9") in diameter.
2. Assemble the antenna body and six whips.

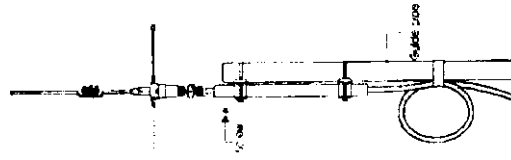
### Antenna



3. Fit the guide pipe and bracket on the mast firmly.



4. Connect the coaxial cable to the antenna.



## Important Safety Instructions

When using this product, always follow basic safety precautions to reduce the risk of injury, fire, and electrical shock, including the following practices:

- 1. Read and understand all instructions** included in the user's manual. In addition, observe all warnings and instructions marked on the product.
- 2. Avoid using a telephone during thunderstorms.** There may be a remote chance of electrical shock from lightning.
- 3. Do not use a telephone in the vicinity of a gas leak.** Report a suspected gas leak immediately, but use a telephone away from the area where gas may be leaking. Because this product is a wireless model, make sure the base is also removed from the area.
- 4. Do not use this product near water, or when you are wet.** For example, do not use it in a wet basement or shower, or next to a swimming pool, bathtub, kitchen sink, or laundry tub.
- 5. Unplug this product from any line or power source before cleaning or if it comes in contact with any liquids.** Do not use liquids or aerosol sprays for cleaning. Use only a damp cloth when cleaning. Do not plug the product back in until it has dried thoroughly.
- 6. Install this product in a protected location** where it is not at risk of falling and no one can trip over any line or power cord. Protect cords from damage or fraying. Do not place any objects on the power cord.
- 7. This product should be operated only from the type of power source indicated on the marking label.** If you are not sure of the type of power supplied to your home, consult your dealer or local Power Company. If this product has user replaceable batteries, replace batteries only as described in your user's manual. Do not burn or puncture batteries because they contain caustic chemicals.

- 8. Do not short circuit the battery pack.** The metal bands on the battery pack should never come in contact with a conductive surface at the same time. Also, do not let two battery metal bands touch each other.
- 9. Do not block slots and openings in the cabinet and the back or bottom, these are provided for ventilation.** To protect it from overheating, do not block these openings by placing the product on the bed, sofa, rug, or other similar surfaces. This product should never be placed near or over a radiator or exceed the environmental specifications listed in this manual. In addition, this product should not be placed in a built-in installation where proper ventilation is not available.
- 10. Never push objects of any kind into this product through cabinet slots** as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electrical shock.
- 11. To reduce the risk of electrical shock, do not disassemble this product.** If service or repair work is required, contact EnGenius™ Customer Service at 1-425-869-8945, or email us at [info@engeniustech.com](mailto:info@engeniustech.com). Opening or removing cabinet parts other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electrical shock when the appliance is subsequently used.
- 12. Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.**
- 13. Unplug this product from the wall outlet if any of the following situations should occur:**
  - When the power supply cord or plug is damaged or frayed.
  - If liquid has been spilled into the product.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions.
  - If the product has been dropped and the cabinet has been damaged.
  - If the product exhibits a distinct change in performance.

**SAVE THESE INSTRUCTIONS**

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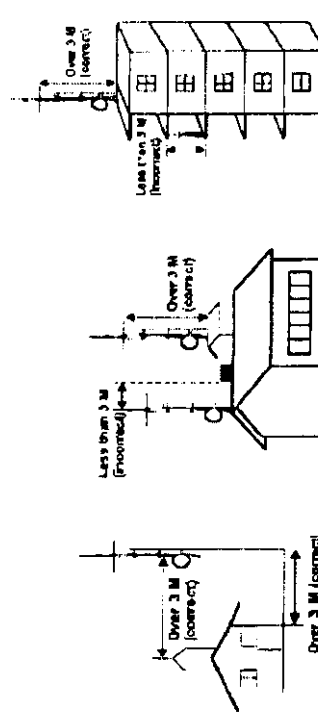
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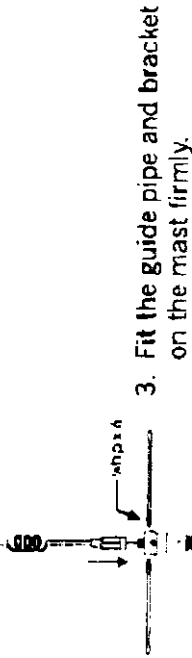
- The higher the antenna is installed, the better the communication will be. If you can install the antenna higher than surrounding obstructions, the communication range will be better.
- The antenna must be on the roof and maintain a three meter (10 feet) clearance in all directions to meet RF safety requirements.



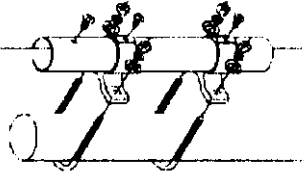
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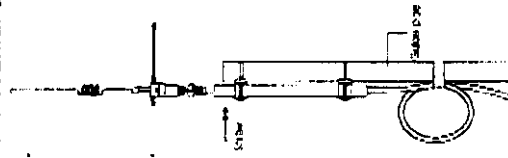
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