

Installation - Outside Coax VENTENNA™

The Ventenna is a simple, yet elegant solution to antennas for those who have antenna restrictions in their neighborhood. The Ventenna is a vertical dipole antenna in an ABS plastic housing, which requires no ground plane and no tuning. It is designed to be "stealthy" and is virtually invisible. And, since it is made of sturdy ABS plastic, it needs no maintenance or attention after it is installed. It can easily handle 100+ watts of power, and its SWR will be under 2:1 across its designated band.

INSTALLATION

Installing the Ventenna is very simple. Slide the Ventenna over your existing 1.5" ID plumbing vent pipe on your roof. When it reaches the stop, tighten the set screws.

CAUTION: Do not overtighten these screws! Just tighten until they hold the Ventenna securely. Connect your coaxial feedline to the pigtail and run it into your house.

Be sure to seal the coax connector with Co-Ax Seal or similar sealer - black tape isn't good enough to keep out water. There is a write-up available on the web site which details the best way to seal coax connections.

OTHER SUGGESTIONS

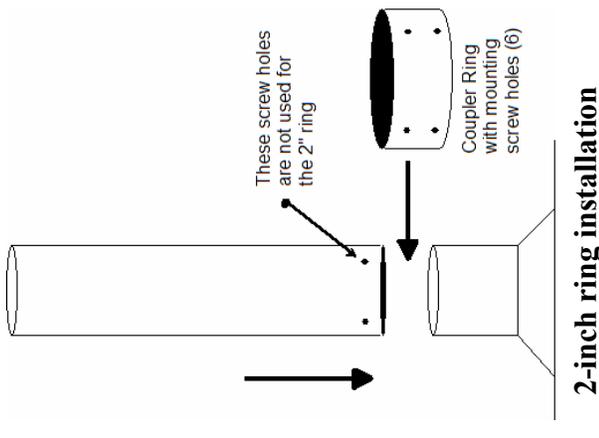
You can paint the Ventenna to blend in with your roof. The best paint to use is one of the "all weather" spray paints available at hardware stores. Be sure to not use any paint with metal flakes or metal powder in it.

Some houses have the vent pipes installed rather low on the roof, not near the peak where you'd like it to be! You can purchase a "dummy" vent pipe assembly (called a "roof jack") at your hardware store and install it nearer to the roof peak, then put your Ventenna there. A write-up on the Ventenna web site describes how to do this.

If you have a 2" Vent Pipe - install the Ventenna using an ABS 2" coupler ring (available at any home-improvement store).

If the vent pipe is painted, you may have to sand the paint off the top inch of the vent pipe, because of the tight tolerance of the 2-inch ring. The fit will be snug, which is what you want.

For a secure mount which could later be removed, use three screws to secure the ring to the vent pipe, and three more to secure the ring to the Ventenna.



CAUTION!

Be careful when climbing on your roof. Always follow your ladder manufacturer's warnings. Never work alone. **You can be injured or killed.** Always look for overhead power wires and do not allow anything (whether metal or otherwise) to come in contact with these wires. Do not block the center hole of the Ventenna. The Ventenna is designed to provide the same ventilation as your existing plumbing vent, for safety.



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