

FIBERGLASS OMNI ANTENNA

Installation Instructions

GENERAL INFORMATION

These are broadband omnidirectional antennas. The antennas provide a circular radiation pattern and are vertically polarized. The antennas are housed in heavy-duty fiberglass radomes to provide protection against rough handling and adverse weather conditions. These antennas come complete with an integral mounting casting and kit including V-bolts, nuts, and washers.

MOUNTING INFORMATION

These antennas are designed for mounting at the top of the tower. The customer and installer should consider the mounting configuration, since proximity to any conductor may affect the performance of the antenna. The antenna may be mounted to a 1-1/2 or 2 inch pipe.

GROUNDING INFORMATION

The antenna is grounded through the mounting casting. A clean ground on the tower leg or support pipe is required where the antenna is attached.

INSTALLATION NOTES

1. Although the antenna has been quality checked, the customer and installer should examine the antenna and kit to prevent possible installation or application problems.
2. Antenna should be installed plumb and "V" bolts should be tightened with a 9/16 inch hand wrench only.
3. After securing connectors by hand only, seal with vapor wrap provided.
4. Take care not to plug up the drain hole next to the connector.
5. During installation of the antenna in the upright position, be sure to unplug the bottom drain hole. For the inverted position, remove the plastic plug (with O-ring) from the top cap and insert it into the bottom drain hole.

Caution: Models with electrical downtilt capabilities must *not* be mounted in the inverted position. Doing so will cause the beamtilt to be incorrectly directed *upward*.

Warning!
Installation of this product near power lines is *dangerous*.
For your safety, follow proper installation procedures.

