



ANTENNA TECHNOLOGIES LIMITED COMPANY

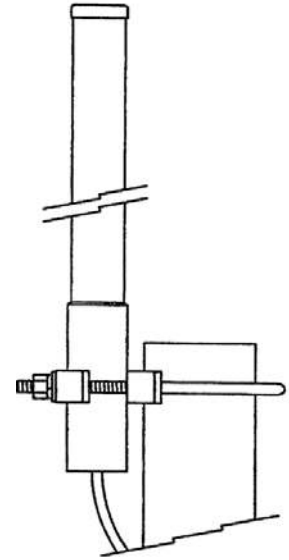
# Model VG2450 Omnidirectional Antenna

## Key Features

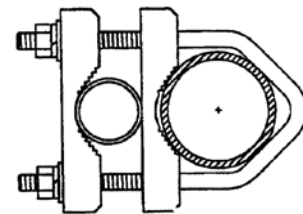
- ✓ Broad Beamwidth, no field tuning required, all weather performance
- ✓ Encased in a heavy wall fiberglass radome for superior weather resistance
- ✓ Flexible feedline with N Female termination simplifies the final installation
- ✓ Stainless steel V-Bolts and custom V-Blocks for easy and secure mounting
- ✓ Clean radiation pattern without ground radials

Electrical Specifications	VG2450
Frequency Range, MHz	2400-2500
Polarization	Vertical
Gain, dBi	Unity
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	100 minimum; 200 typical
3 dB Beamwidth E/H Planes, degrees	77/360
Maximum Power, watts	30*
Cable type/length	RG58 1 foot
Connector	N Type Female

\*Limited by feedline. Higher power ratings are available as an option.



## TOP VIEW



Mechanical Specifications	VG2450
Overall Length, inches	12.0 (30.48)
Radome Material	1.0"OD; .125" wall Fiberglass
Element Material	All-Brass components
Mast Diameter, inches, (cm)	1.25-2.0 (3.2-5.1)
Mounting Hardware	Base to mast, supplied
Wind Surface Areas, feet	.071 (.007)
Wind Survival, mph (kph)	150 (240)
Weight, pounds (kg)	1.5 (.68)

22560 Glenn Drive #114 | Sterling, Virginia 20164  
[www.atcllc.com](http://www.atcllc.com) [sales@atcllc.com](mailto:sales@atcllc.com)  
 Office: 703-450-5517

ATLC products for military use may be subject to U.S. ITAR EXPORT CONTROLS, an export license may be required.