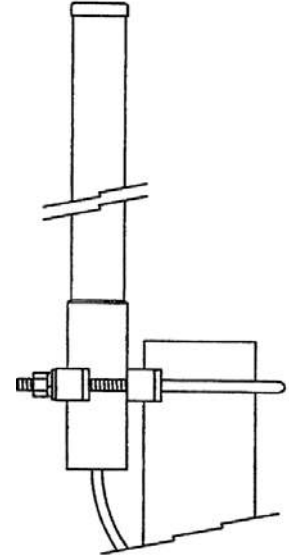


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model VG2450FXNFG6 Omnidirectional Antenna

Key Features

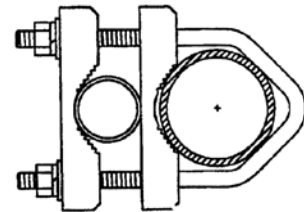
- Broad Beamwidth, no field tuning required, all weather performance
- Encased in a heavy wall fiberglass radome for superior weather resistance
- Flexible feedline with N Female termination simplifies the final installation
- Stainless steel V-Bolts and custom V-Blocks for easy and secure mounting
-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



| Electrical Specifications | VG2450FXNFG6 |
|------------------------------------|--------------------------|
| Frequency Range, MHz | 2400-2500 |
| Polarization | Vertical |
| Gain | 6 dBd |
| 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 | Fixed N Type Female |

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

TOP VIEW



| Mechanical Specifications | VG2450FXNFG6 |
|-----------------------------|-------------------------------|
| 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) |