

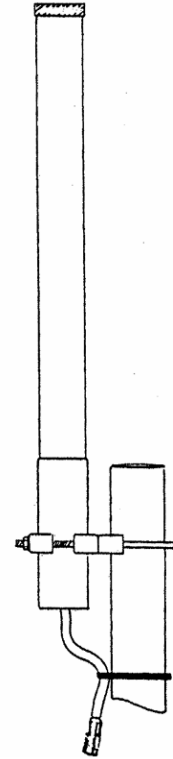


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model VG1060NM18I Omnidirectional Antenna

Key Features

- Wide bandwidth, no field tuning required
- 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
- Individually factory tested



| Electrical Specifications | VG1060NM18I |
|------------------------------------|----------------|
| Frequency Range, MHz | 1030-1090 |
| Polarization | Vertical |
| Gain, dBi | Unity |
| VSWR (50 Ohms) | 1.2:1 typical |
| 1.5:1 Bandwidth MHz | 60 minimum |
| 3 dB Beamwidth E/H Planes, degrees | 360/77 |
| Maximum Power, watts | 50* |
| Cable type/length | RG58 18 inches |
| Connector | N Type Male |

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

| Mechanical Specifications | VG1060NM18I |
|-----------------------------|--------------------------------|
| Overall Length, inches | 12.0 (30.5) |
| 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) |