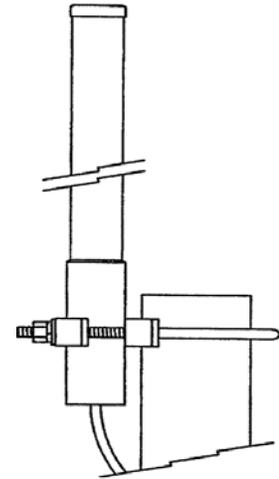


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model V418 Omnidirectional Antenna

Key Features

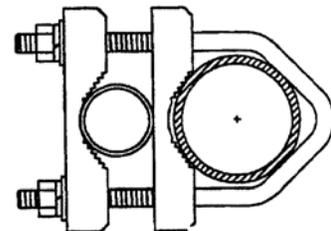
- Unity Gain Wide Bandwidth Omni
- Compact size, pole mounting available
- Heavy wall fiberglass radome
- Flexible pigtail termination



Electrical Specifications	V418
Frequency Range, MHz	406-430
Polarization	Vertical
Gain, dBi	Unity
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	12 minimum
3 dB Beamwidth E/H Planes, degrees	77/360
Maximum Power, watts	50*
Termination, feet (m), coax	N Female, 1 (.3), RG58 type

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

TOP VIEW



Mechanical Specifications	V418
Overall Length, feet (m)	24 (61)
Radome Material	Fiberglass
Radiator Material	Brass
Mast Diameter, inches, (cm)	1.25-2.00 (3.2-5.1)
Mounting Hardware	Base to mast, supplied
Wind Surface Areas, feet	.14 (.013)
Wind Survival, mph (kph)	125 (200)
Weight, pounds (kg)	2.0 (.9)