

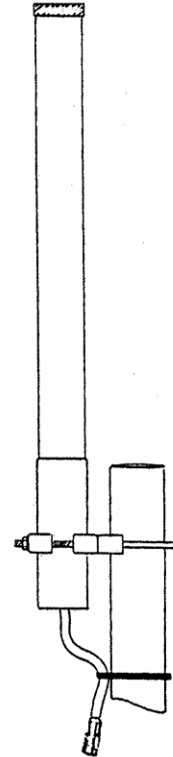


ANTENNA TECHNOLOGIES LIMITED COMPANY

# Model V440 Omnidirectional Antenna

## Key Features

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



Electrical Specifications	V440
Frequency Range, MHz	430-450
Polarization	Vertical
Gain, dBi	Unity
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	13 minimum, 15 typical
3 dB Beamwidth E/H Planes, degrees	77/360
Maximum Power, watts	100*
Termination, feet (m), coax	N Female, 1 (.3), RG58 type

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

Mechanical Specifications	V440
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)