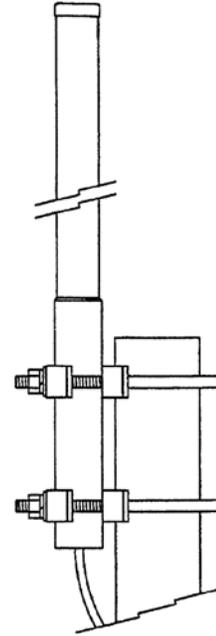


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model V220 Omnidirectional Antenna

Key Features

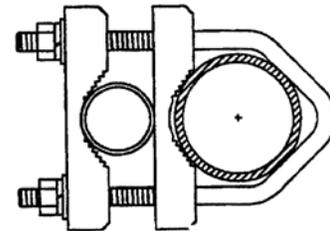
- Very Wide Band, no field tuning required
- Encased in a heavy wall fiberglass radome for superior weather resistance
- Flexible feedline with N Female termination simplifies the final installation
- Custom stainless-steel V-Blocks for easy and secure mounting to a wide range of mast diameters
- Individually factory tested



Electrical Specifications	V220
Frequency Range, MHz	218-222
Polarization	Vertical
Gain, dBi	Unity
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	4 minimum
3 dB Beamwidth E/H Planes, degrees	78/360
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.

TOP VIEW



Mechanical Specifications	V220
Overall Length, feet (m)	4 (1.22)
Radome Material	1.0" OD; .125" wall Fiberglass
Element Material	All-brass components
Mast Diameter, inches, (cm)	1.25-2.00 (3.2-5.1)
Mounting	Supplied
Wind Surface Areas, feet	.245 (.023)
Wind Survival, mph (kph)	125 (200)
Weight, pounds (kg)	3.0 (1.4)

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