



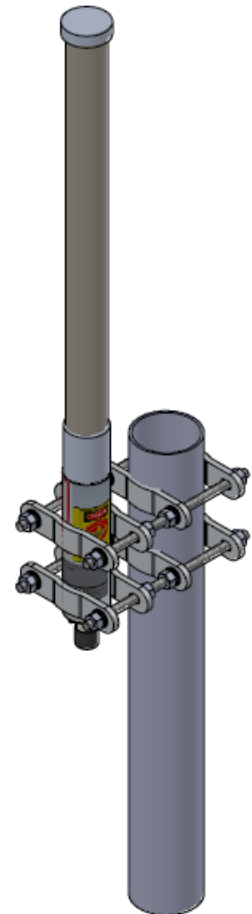
2.3 GHz Vertically Polarized Omnidirectional Antenna

Electrical Specifications

Frequency Range	2305-2360 MHz
Gain	10 dBi
Polarization	Vertical
SWR (Return Loss)	<1.3 (>17.7dB)
Average Power Input	500 W
Elevation Beamwidth	8°
Azimuthal Beamwidth	Omnidirectional +/- 1 dB
Input Connector	7-16 DIN Female
Beam Tilt	2 Degrees Below Horizon

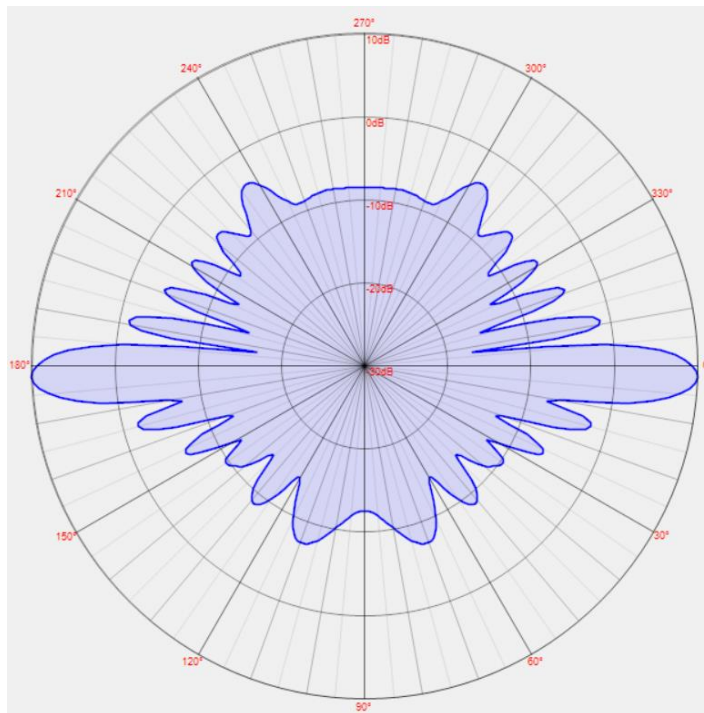
Mechanical Specifications

Configuration	Collinear Array
Length	51.25
Radome Diameter	2.25"
Antenna Weight	5.6 lbs
Mounting Hardware Weight	10.8 lbs
Shipping Weight	26 lbs
	58"
	4"
	4"
Projected Area	0.54 ft ² (no ice)
Lateral Thrust @ 100mph	21.9 lbs
Mounting Area	12.0" L x 2.5" OD
For Mounting To	1.75" - 4.50" OD Pipe
Wind Gust Rating	125 mph
Operating Temperature	-20°C to +65°C



Product Data Sheet **ATC-VO10-500T2**

Elevation Radiation Pattern, 10 dB/division



Azimuthal Radiation Pattern, 10 dB/division

