

Features:

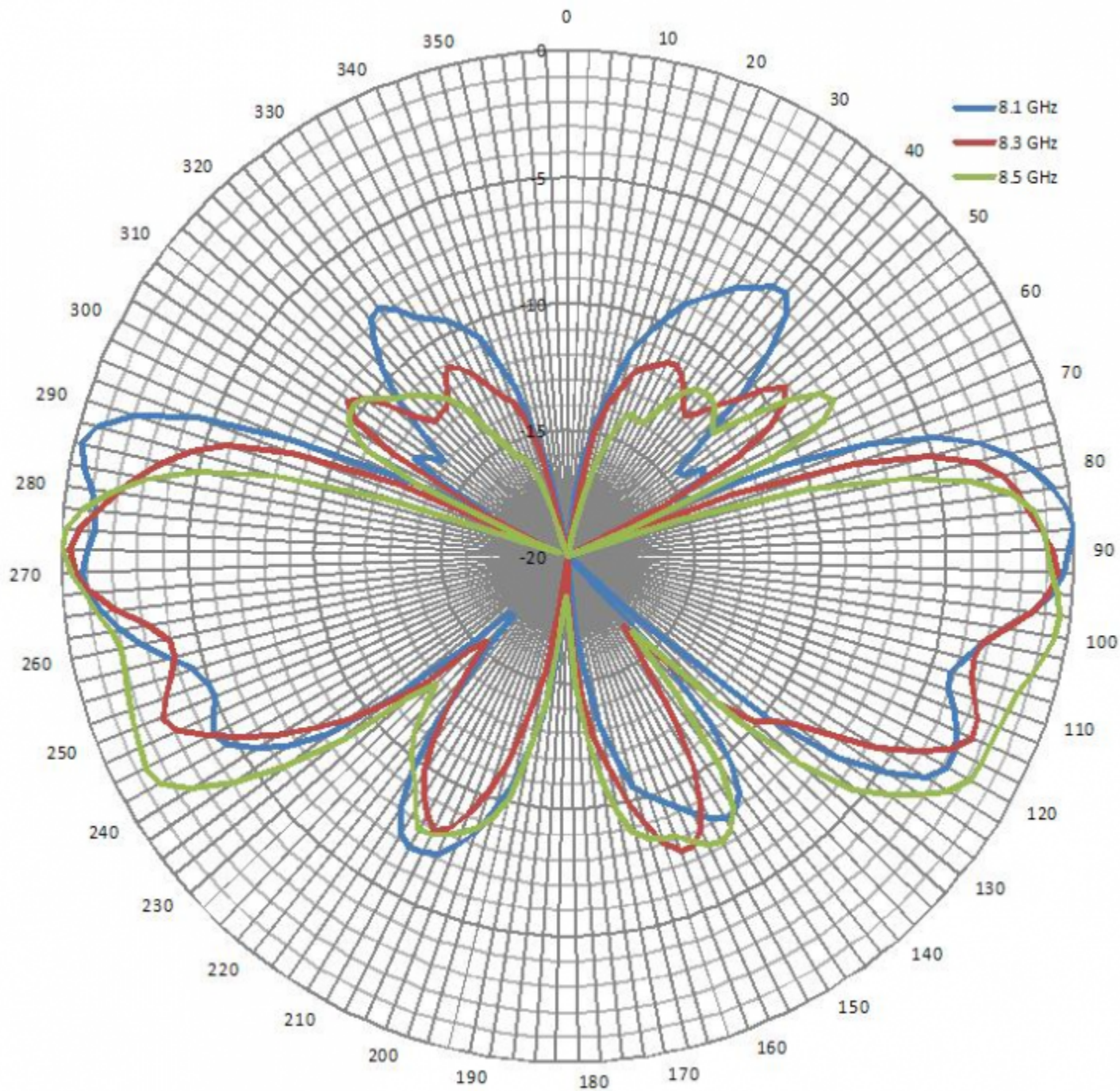
- Broad Band Coverage
- 4 Section Collinear
- 8.1 - 8.5 GHz
- 50W Power Handling
- 6 dBi Omni Radiation Pattern
- Rugged Construction Low Glare Black Radome
- Heavy Duty Spring Base
- Black Chrome N(m) RF Connector



Antenna Specifications

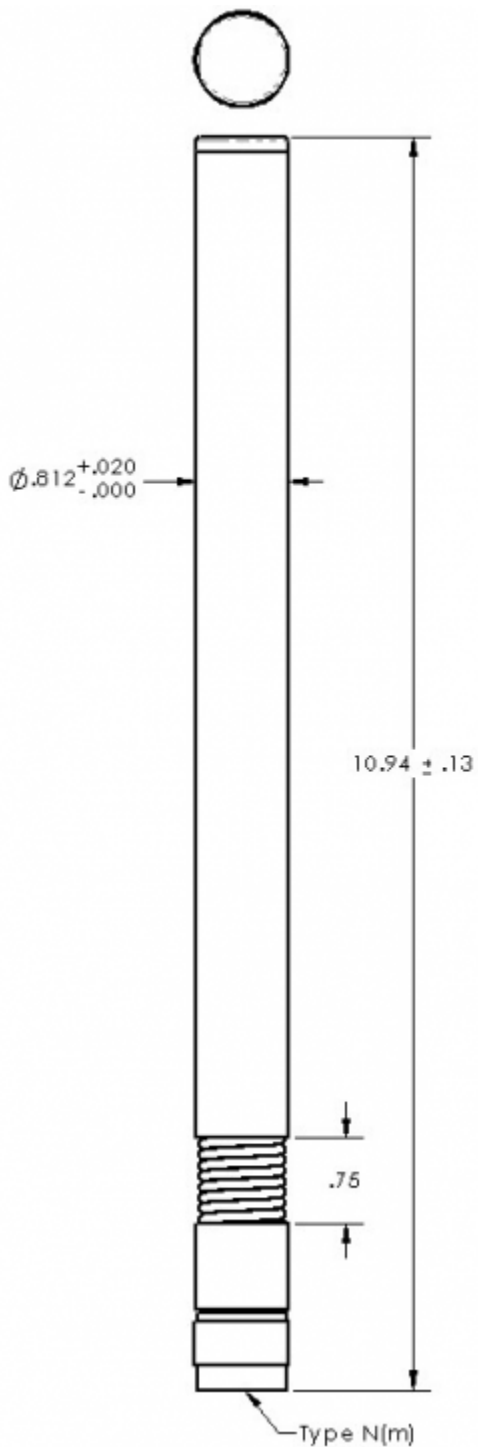
Parameter	Value	Units	Tolerance
Frequency Band	X		
Impedance	50	Ohms	
Minimum Frequency	8.1 / 8,100	GHz / MHz	
Maximum Frequency	8.5 / 8,500	GHz / MHz	
Frequency Bandwidth	0.4 / 400	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	6	dBi	
Polarization	Vertical		
Maximum RF Input Power	50	Watts	
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	30	Degrees	
Ground Plane Required	No		

Parameter	Value	Units	Tolerance
Color	Black		
Spring or Gooseneck	Spring		
Mount Style	RF Connector		
Maximum Wind Velocity	100 / 161	mph / kph	
RF Connector Type	Type-N(m)		
RF Connector Features	Black Chrome		
Product Height	10.94 / 277.88	inches / mm	±0.13"
Product Diameter	0.81 / 20.62	inches / mm	+0.02" / -.000"
Product Weight	4.0 / 113.4	oz / grams	



Elevation Pattern

Referenced to 6 dBi



Engineering Drawing

Dimensions are in inches