

Features:

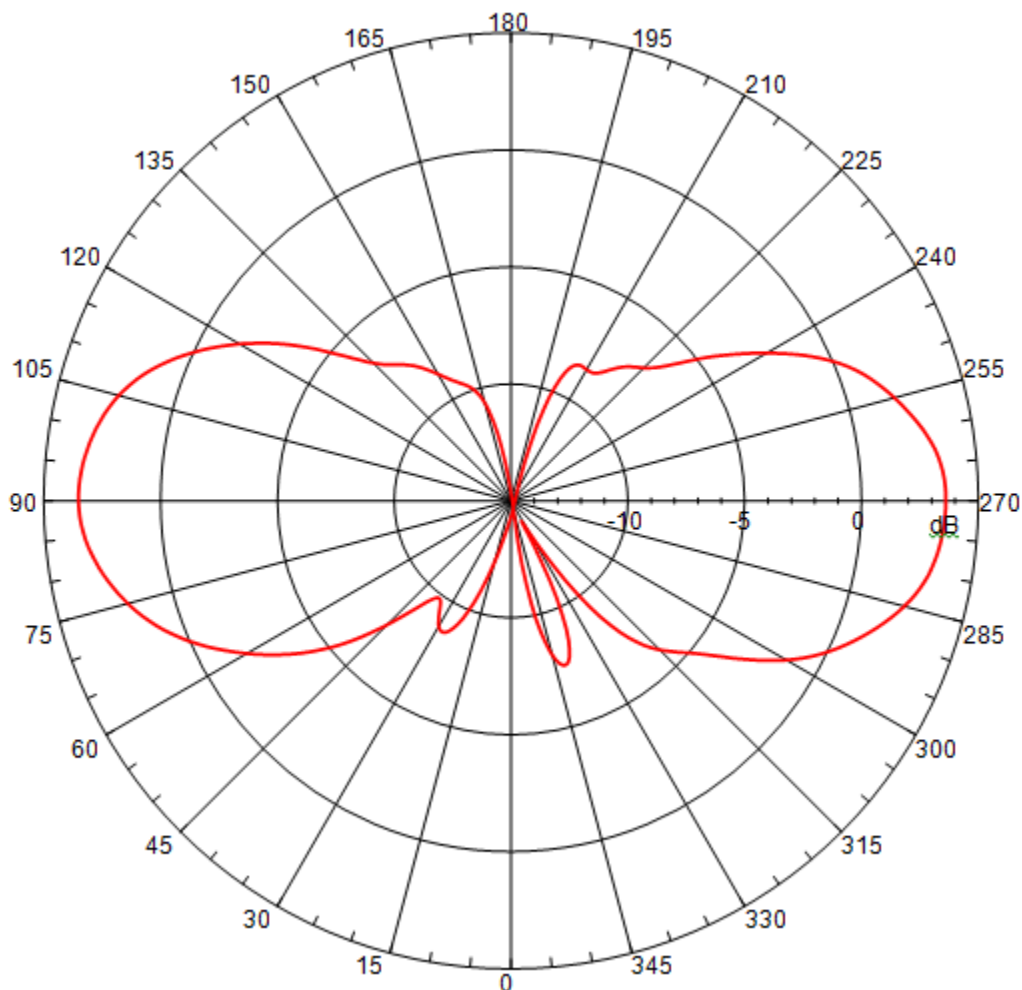
- Broad Band Coverage
- 1.9 - 2.5 GHz
- Full Wave Dipole
- 3.5 dBi Omni Radiation Pattern
- Rugged Construction
- Low Glare Black Radome
- End Cap Lettering "S"



Antenna Specifications

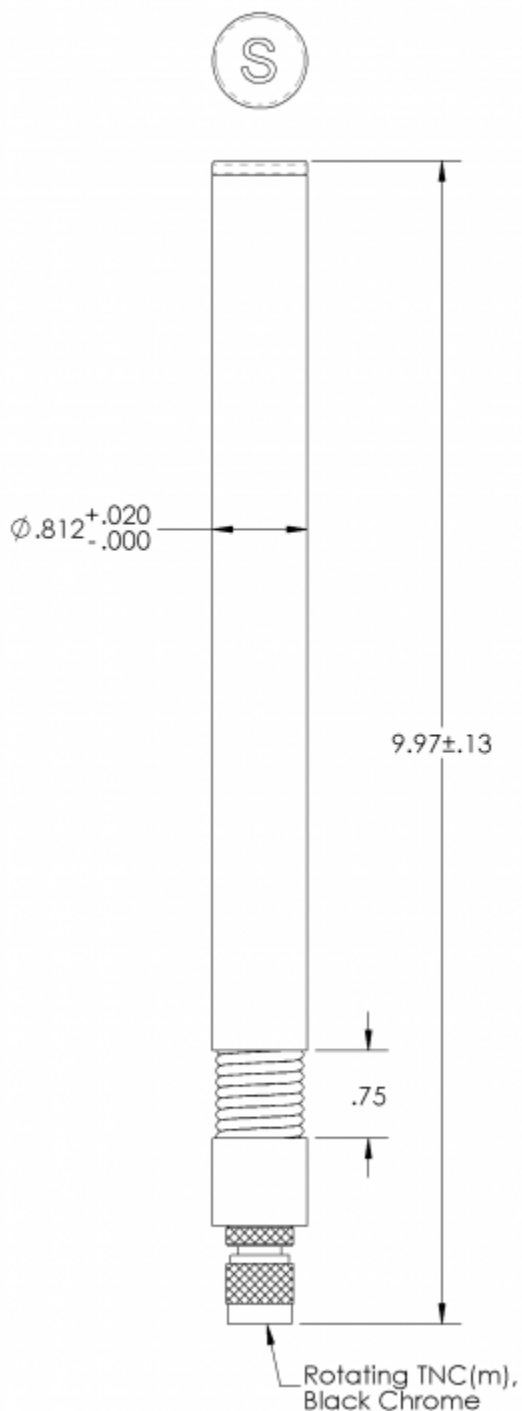
Parameter	Value	Units	Tolerance
Antenna Pattern	Omni Antenna		
Frequency Band	S		
Impedance	50	Ohms	
Minimum Frequency	1.9 / 1,900	GHz / MHz	
Maximum Frequency	2.5 / 2,500	GHz / MHz	
Frequency Bandwidth	0.6 / 600	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	3.5	dBi	
Polarization	Vertical		
Maximum RF Input Power	50	Watts	
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	55	Degrees	

Parameter	Value	Units	Tolerance
Ground Plane Required	No		
Color	Flat Black		
Spring or Gooseneck	Spring		
Spring Length	0.75 / 19.05	inches / mm	
Spring Diameter	0.75 / 19.05	inches / mm	
Maximum Wind Velocity	100 / 161	mph / kph	
RF Connector Type	TNC(m)		
RF Connector Features	Black Chrome		
Product Height	9.97 / 253.24	inches / mm	±0.13"
Product Diameter	0.81 / 20.62	inches / mm	+0.02" / -.000"
Product Weight	3.4 / 96.4	oz / grams	



Elevation Pattern

Referenced to +5 dBi



Engineering Drawing

All dimensions are in inches