

Features:

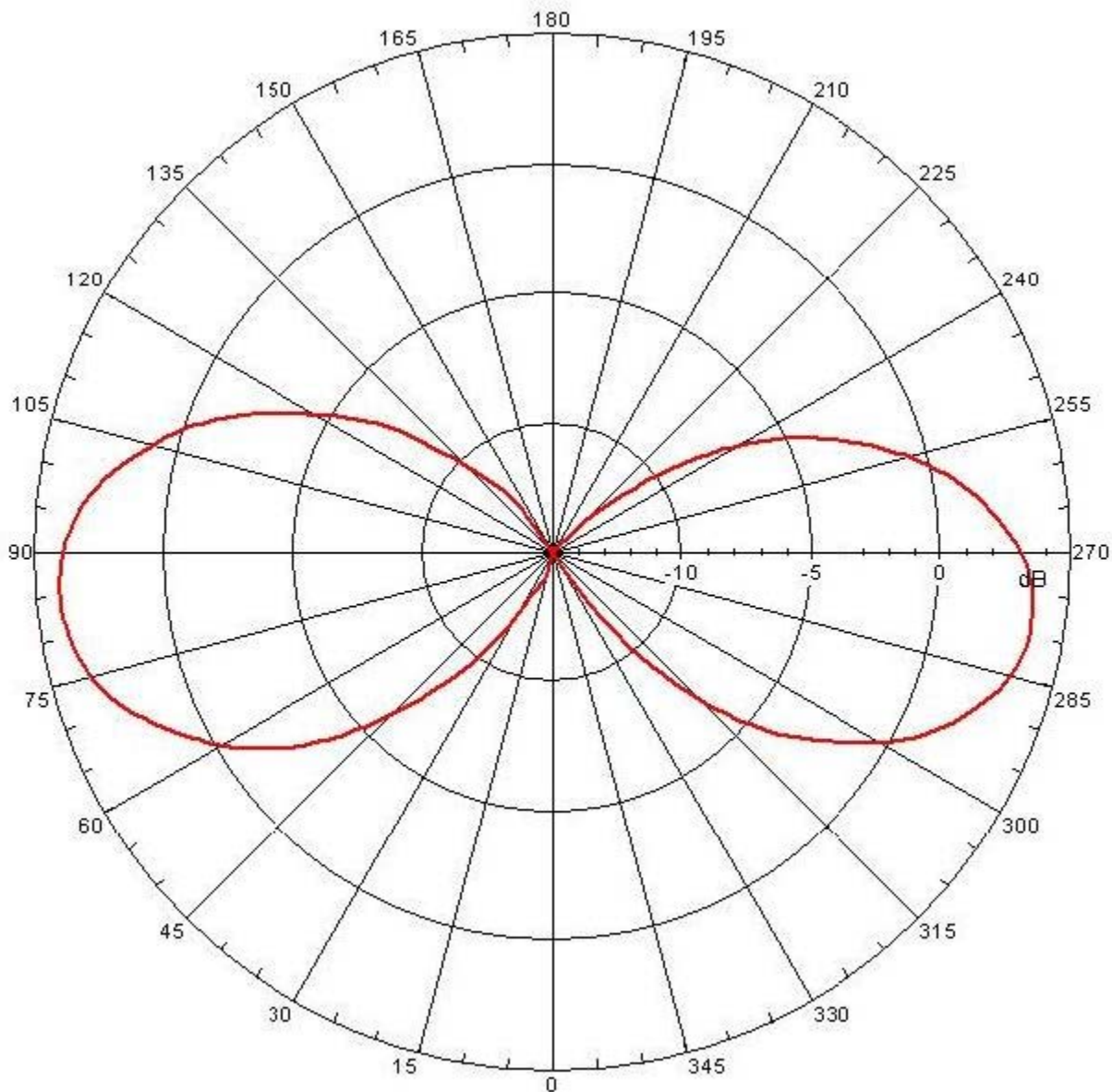
- Broad Band Coverage
- 2 Section Collinear
- 2.2 - 2.5 GHz
- 50W Power Handling
- 4.0 dBi Omni Radiation Pattern
- Rugged Construction
- Low Glare Black Fiberglass Radome
- Heavy Duty Spring Base
- RP-TNC(m) RF Connector
- End Cap Lettering "S"



Antenna Specifications

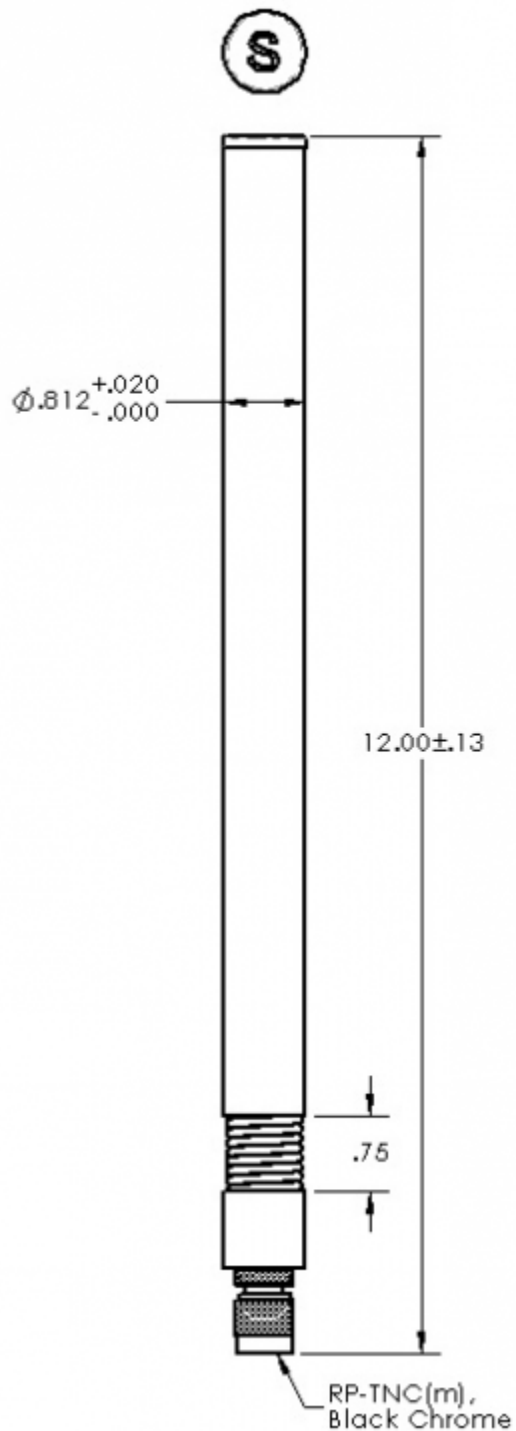
Parameter	Value	Units	Tolerance
Antenna Pattern	Omni Antenna		
Frequency Band	S		
Impedance	50	Ohms	
Minimum Frequency	2.2 / 2,200	GHz / MHz	
Maximum Frequency	2.5 / 2,500	GHz / MHz	
Frequency Bandwidth	0.3 / 300	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	4	dBi	
Polarization	Vertical		
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	37	Degrees	
Ground Plane Required	No		

Parameter	Value	Units	Tolerance
Spring or Gooseneck	Spring		
Spring Length	0.75 / 19.05	inches / mm	
Spring Diameter	0.75 / 19.05	inches / mm	
Maximum Wind Velocity	62 / 100	mph / kph	
RF Connector Type	RP-TNC(m)		
Product Height	12.00 / 304.80	inches / mm	±.13
Product Diameter	0.81 / 20.62	inches / mm	+.020" / -.000"
Product Weight	3.4 / 96.4	oz / grams	



Elevation Pattern

Referenced to 4 dBi



Engineering Drawing

All dimensions are in inches