

Features:

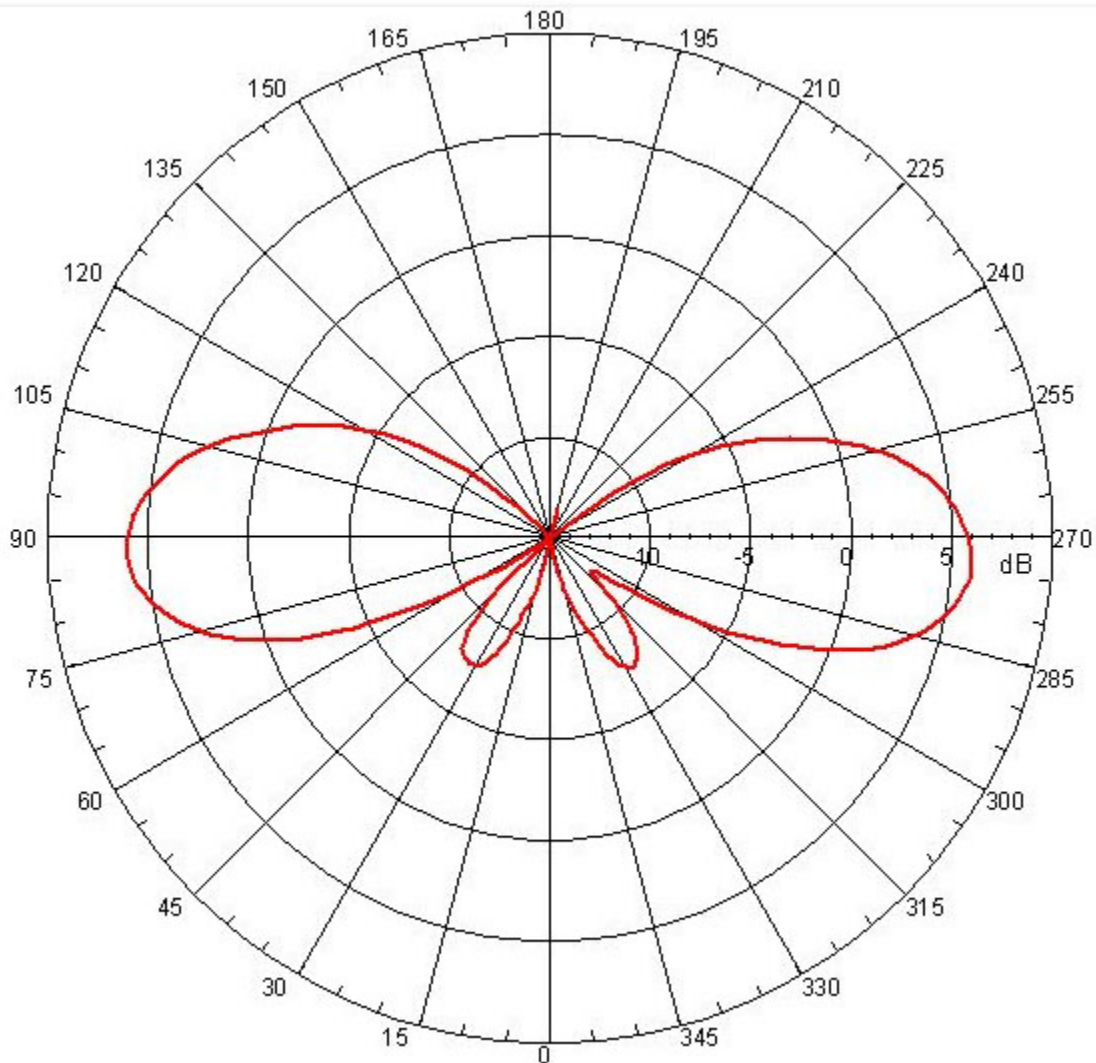
- Broad Band Coverage
- 4 Section Collinear
- 4.4 - 5.0 GHz
- 50W Power Handling
- 6 dBi Omni Radiation Pattern
- Rugged Construction Low Glare Black Radome
- ROHS Compliant
- Black Chrome N(m) RF Connector
- End Cap Lettering "C"
- Designed for C Band Communication in the following markets:
 - Law Enforcement
 - Surveillance
 - UAV & UGV Ground Stations



Antenna Specifications

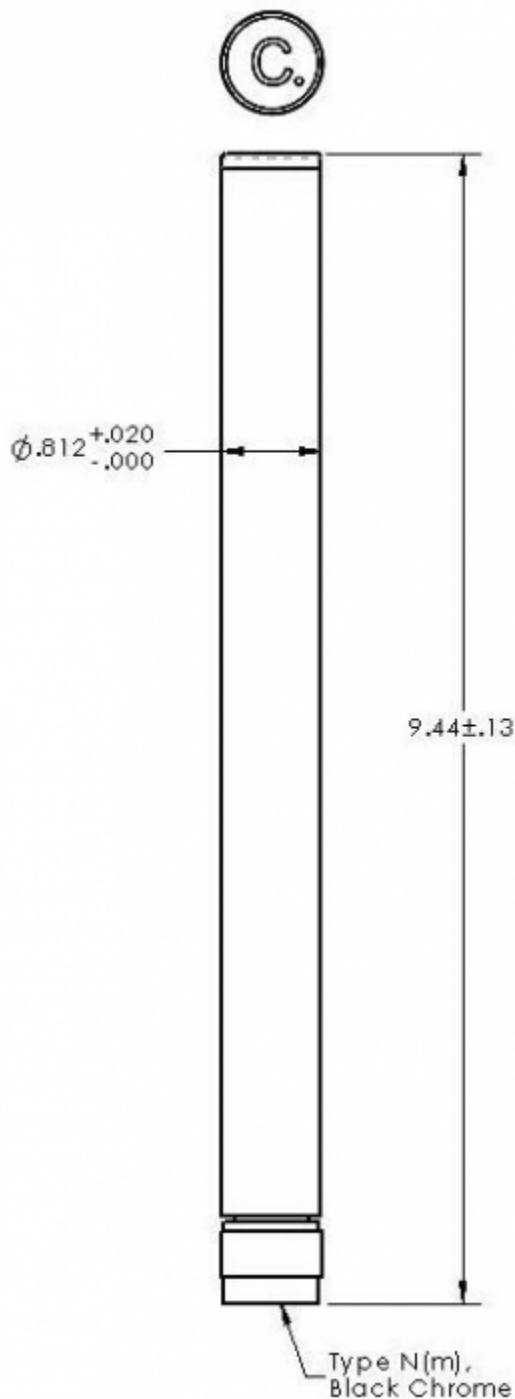
Parameter	Value	Units	Tolerance
Antenna Pattern	Omni		
Frequency Band	C		
Impedance	50	Ohms	
Minimum Frequency	4.4 / 4,400	GHz / MHz	
Maximum Frequency	5.0 / 5,000	GHz / MHz	
Frequency Bandwidth	0.6 / 600	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	6	dBi	
Polarization	Vertical		
Maximum RF Input Power	50	Watts	
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	30	Degrees	

Parameter	Value	Units	Tolerance
Ground Plane Required	No		
Color	Black		
Mount Style	RF Connector		
Maximum Wind Velocity	100 / 161	mph / kph	
RF Connector Type	Type-N(m)		
RF Connector Features	Black Chrome		
Product Height	9.43 / 239.52	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 10 dBi



Engineering Drawing

Dimensions are in inches