

**Features:**

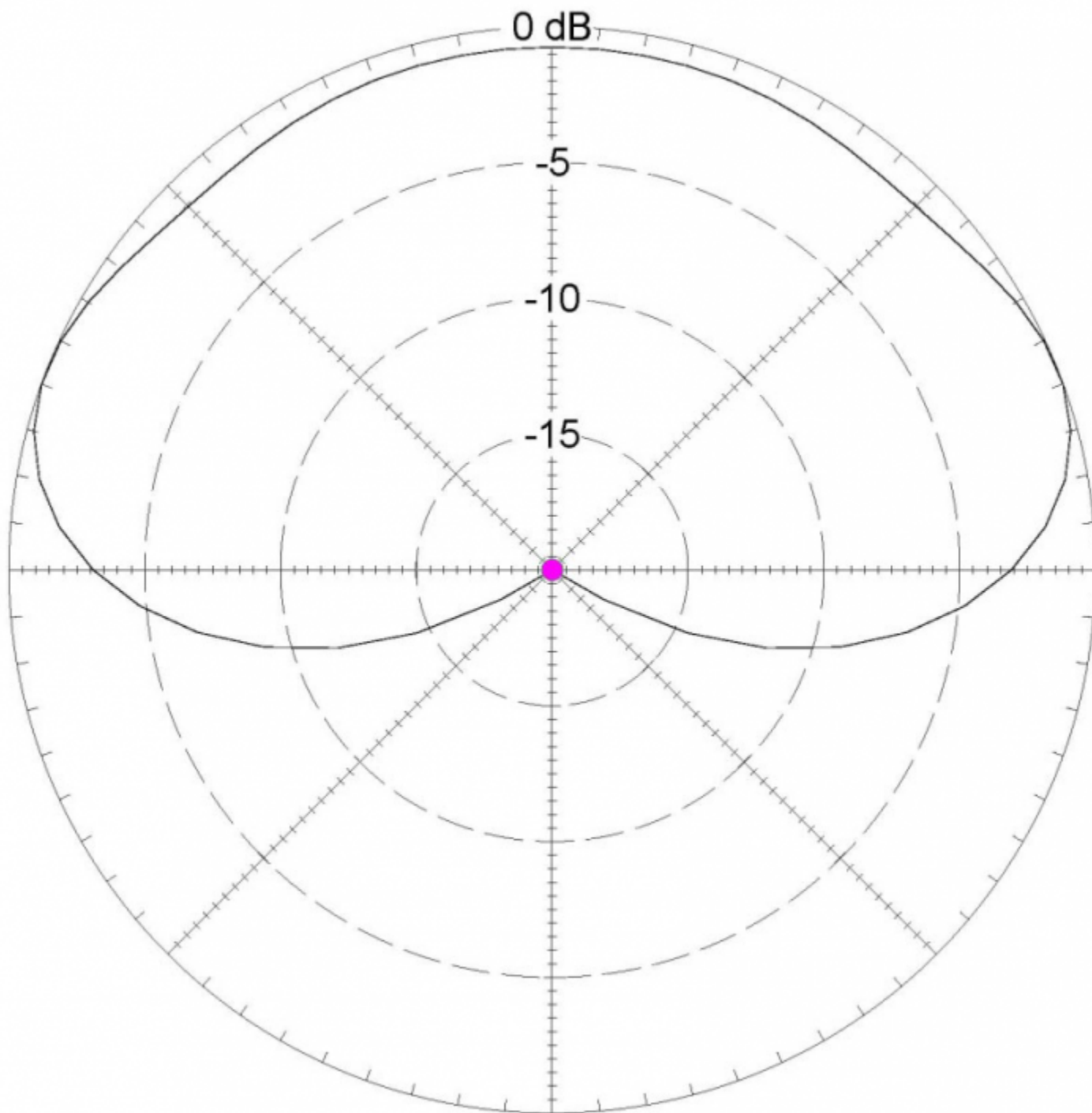
- Broad Band Coverage
- 6.25 - 6.75 GHz
- RHCP
- 2.8 dBic Omni Radiation Pattern
- 20W Power Handling
- 3T "3 Turn"
- Pitch: 46%
- Rugged G10 Radome



**Antenna Specifications**

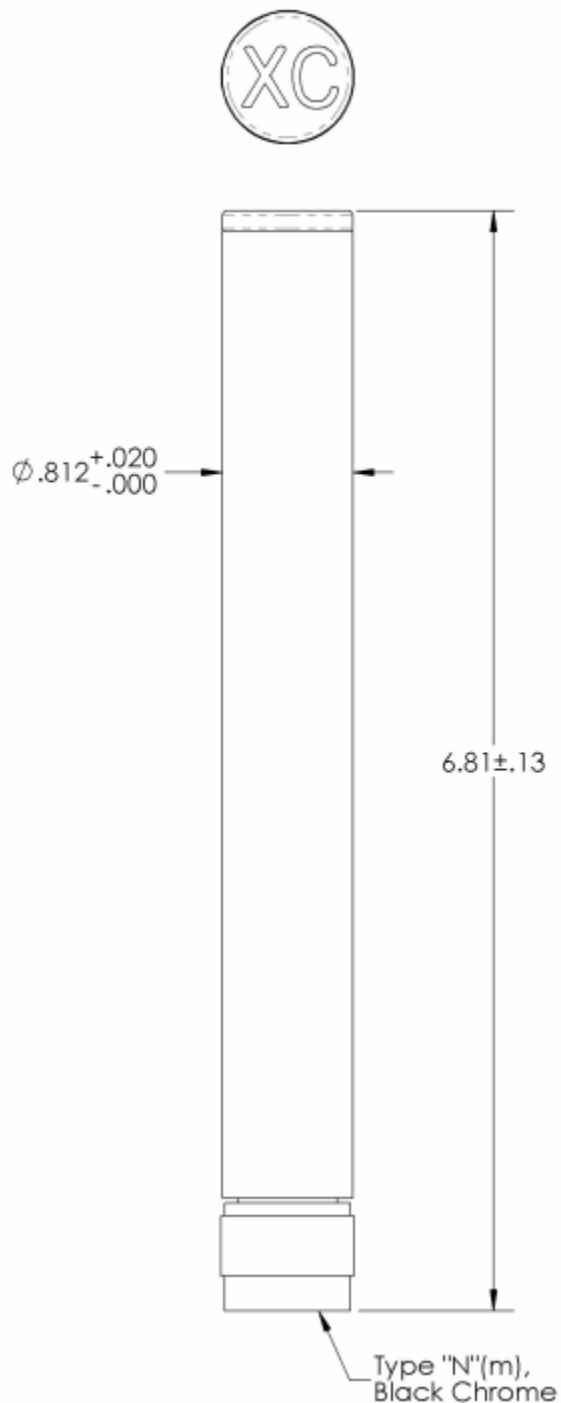
Parameter	Value	Units	Tolerance
<b>Antenna Pattern</b>	Omni Antenna		
<b>Frequency Band</b>	C		
<b>Impedance</b>	50	Ohms	
<b>Minimum Frequency</b>	6.25 / 6,250	GHz / MHz	
<b>Maximum Frequency</b>	6.75 / 6,750	GHz / MHz	
<b>Frequency Bandwidth</b>	0.5 / 500	GHz / MHz	
<b>Maximum VSWR</b>	2:1	Ratio	
<b>Maximum Gain</b>	2.80	dBic	
<b>Maximum RF Input Power</b>	20	Watts	
<b>Horizontal (AZ) Beamwidth</b>	360	Degrees	
<b>Vertical (EL) Beamwidth</b>	163	Degrees	
<b>Ground Plane Required</b>	No		

Parameter	Value	Units	Tolerance
<b>Radome Material</b>	G10 Fiberglass		
<b>Color</b>	Black		
<b>Mount Style</b>	RF Connector		
<b>Maximum Wind Velocity</b>	100 / 161	mph / kph	
<b>RF Connector Type</b>	Type-N(m)		
<b>RF Connector Features</b>	Black Chrome		
<b>Product Height</b>	6.86 / 174.24	inches / mm	0.125"
<b>Product Diameter</b>	0.81 / 20.62	inches / mm	+0.02" / -.000"
<b>Product Weight</b>	3.0 / 85.0	oz / grams	



**Elevation Pattern**

referenced to 2.8 dBic



**Engineering Drawing**

Dimensions are in inches