

**Features:**

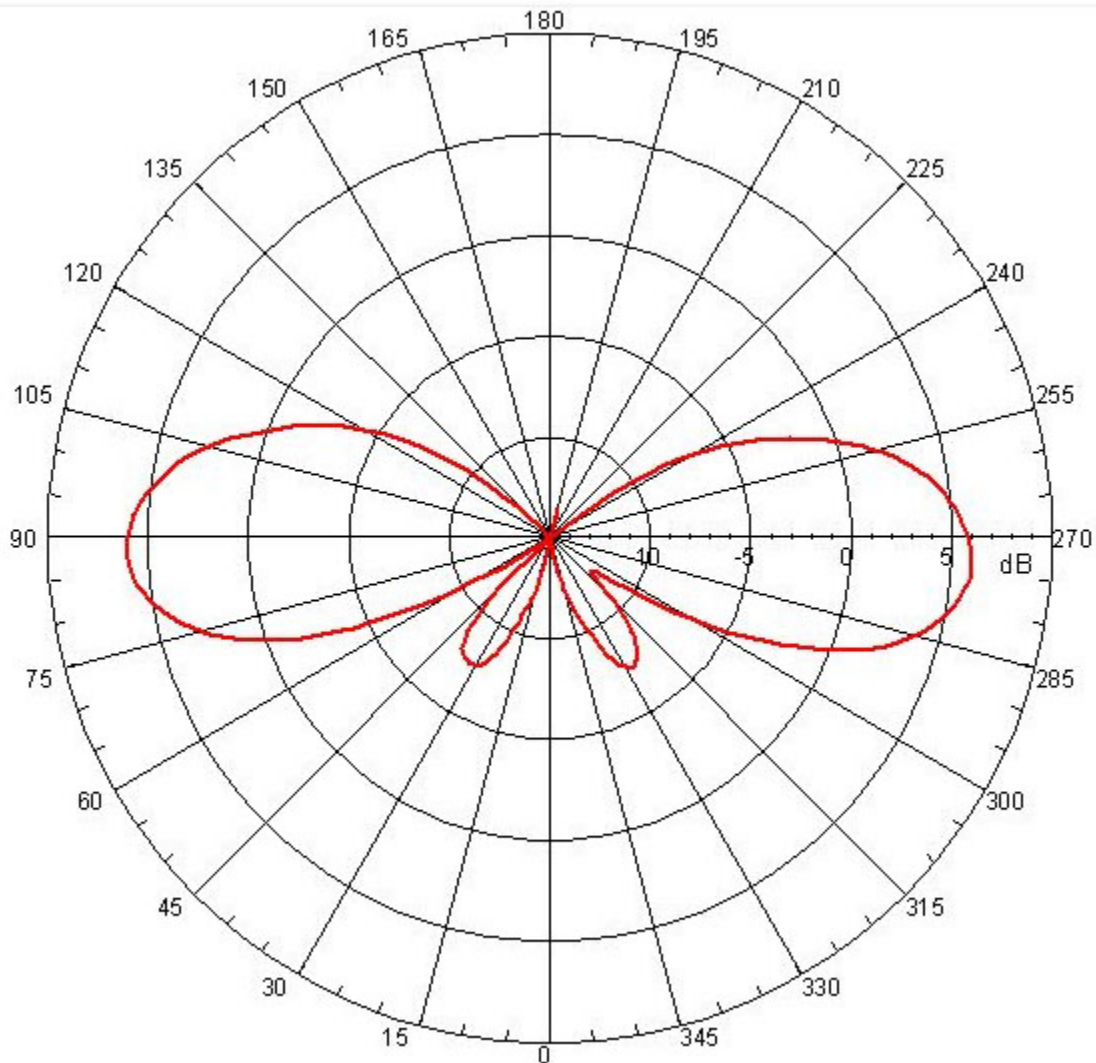
- Broad Band Coverage
- 4 Section Collinear
- 4.4 - 5.0 GHz
- 50W Power Handling
- 6 dBi Omni Radiation Pattern
- Rugged Construction Low Glare Black Radome
- Heavy Duty Spring Base
- End Cap Lettering "C"



**Antenna Specifications**

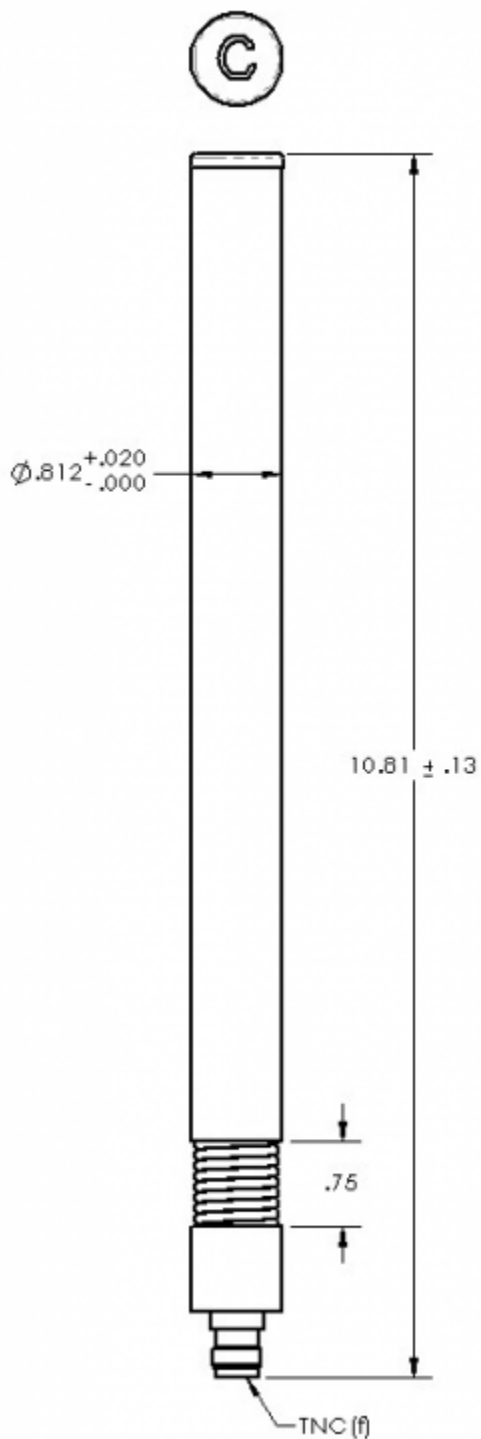
| Parameter                 | Value        | Units     | Tolerance |
|---------------------------|--------------|-----------|-----------|
| Antenna Pattern           | Omni Antenna |           |           |
| Frequency Band            | C            |           |           |
| Impedance                 | 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          |             |                 |
| Spring or Gooseneck   | Spring         |             |                 |
| Spring Length         | 0.75 / 19.05   | inches / mm |                 |
| Spring Diameter       | 0.75 / 19.05   | inches / mm |                 |
| Mount Style           | RF Connector   |             |                 |
| Maximum Wind Velocity | 100 / 161      | mph / kph   |                 |
| RF Connector Type     | TNC(f)         |             |                 |
| Product Height        | 10.82 / 274.83 | 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 6 dBi



**Engineering Drawing**

Dimensions are in inches