

Features

- 225 - 255 MHz
- Monopole Design (counterpoise size & radio matching network dependent)
- Small Form Factor Design
- Lightweight Design
- 10% bandwidth achieved by using internal matching components (within radio)
- Extremely Rugged Design
- Low Visibility / Reflectivity
- Highly Flexible
- Waterproof & Fully Potted Design
- Black Chrome Non-Rotating TNC(m) RF Connector Interface

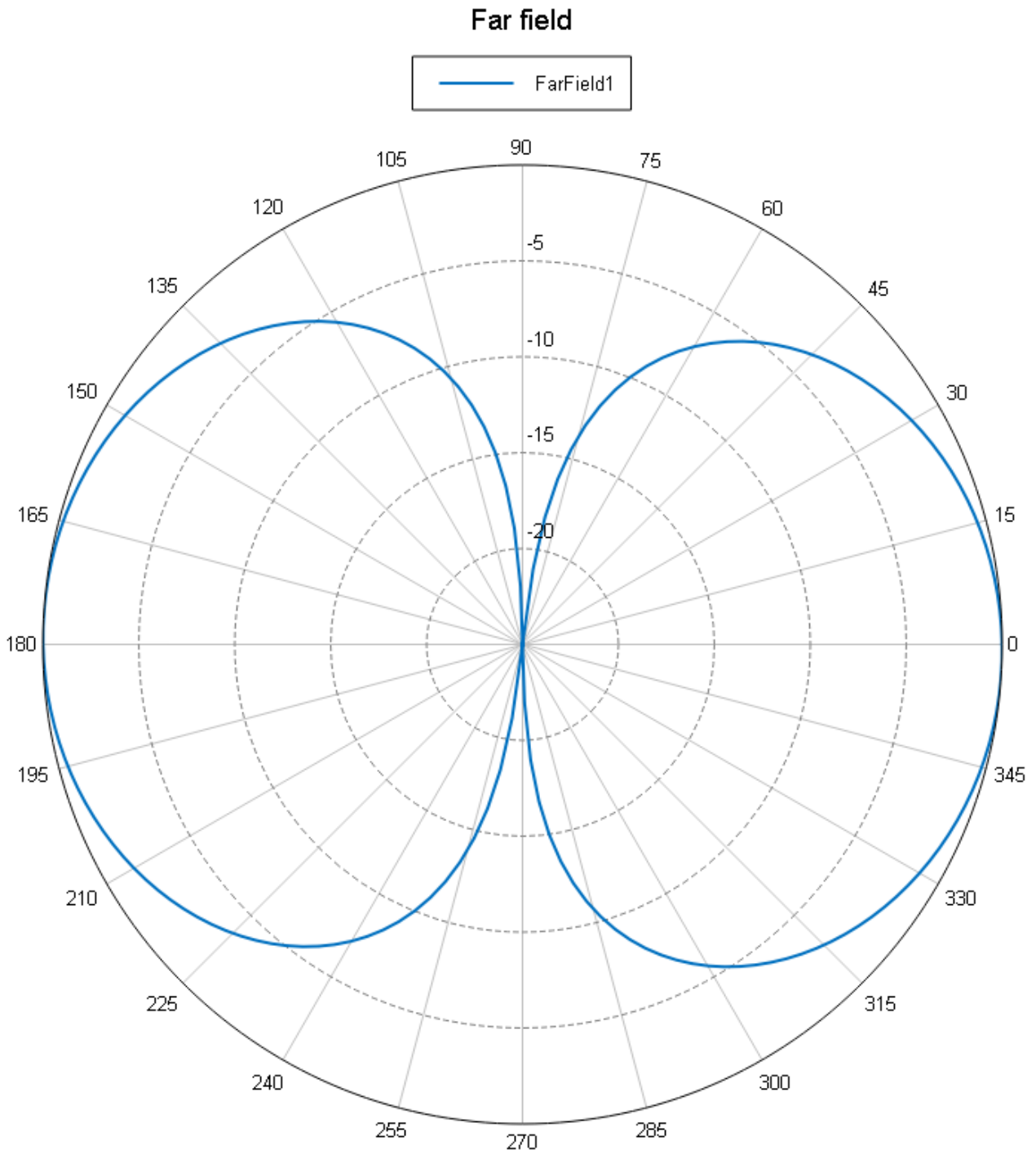
Note: the specifications and performance of this antenna are dependent on radio matching network & counterpoise.



Product Specifications

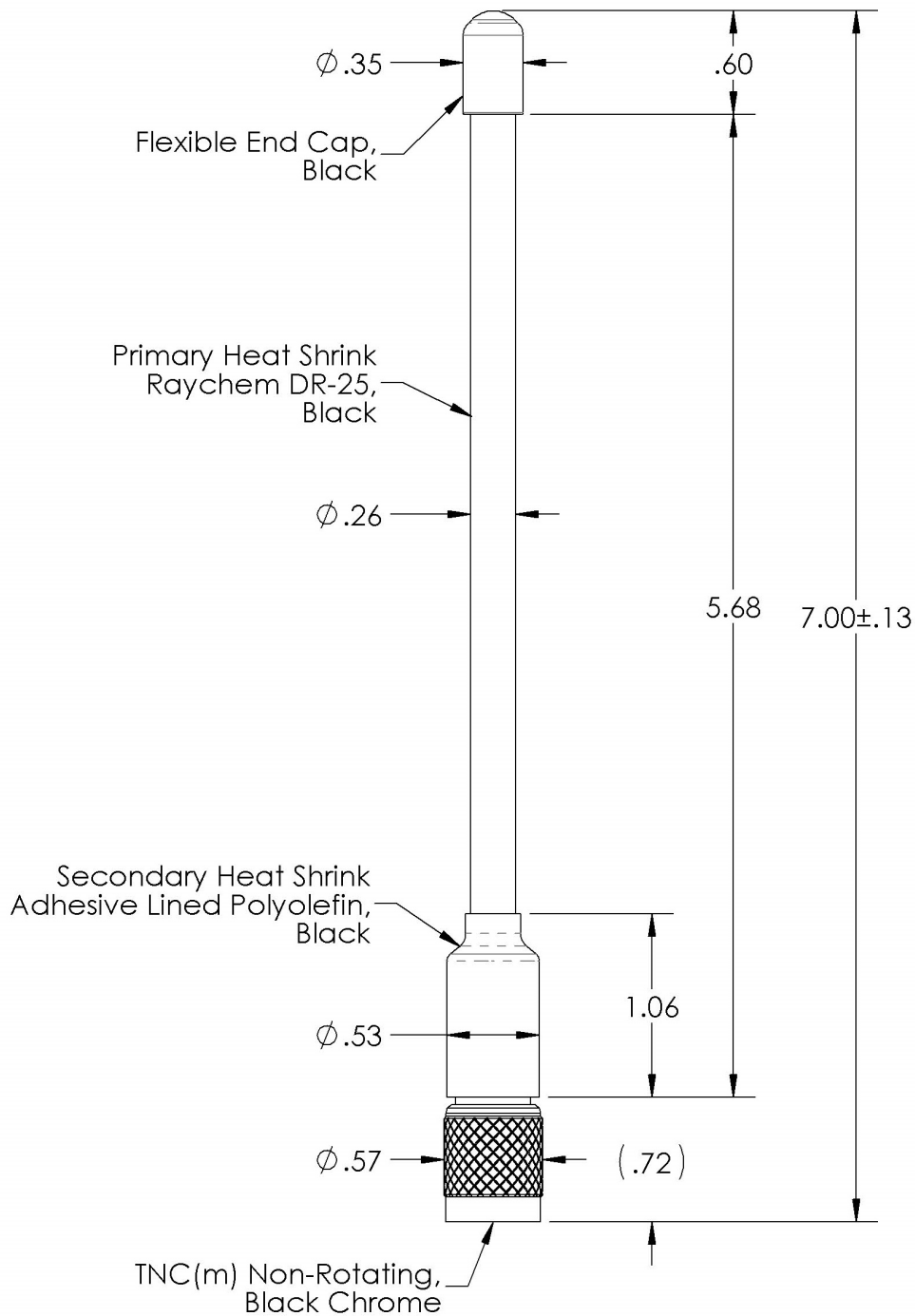
Parameter	Value	Units	Tolerance
Antenna Pattern	Omni		
Impedance	50		
Minimum Frequency	0.225 / 225	GHz / MHz	
Maximum Frequency	0.255 / 255	GHz / MHz	
Frequency Bandwidth	0.03 / 30	GHz / MHz	
Maximum Gain	0.00	dBi	When mounted to a counterpoise of 5.3" L x 2.2" W x 1.15" D
Polarization	Vertical		
Color	Black		
Maximum RF Input Power	50	Watts	Dependent on matching network losses
Horizontal AZ Beamwidth	360	Degrees	
Vertical EL Beamwidth	94	Degrees	

Parameter	Value	Units	Tolerance
Spring	No		
Gooseneck	No		
Ground Plane Required	Yes		
RF Connector Type	TNC(m) Non-Rotating		
RF Connector Finish	Black Chrome		
Product Height	7.00 / 177.80	inches / mm	±.13
Product Diameter	.57 / 14.48	inches / mm	
Product Weight	1.00 / 28.35	oz / g	



Elevation Pattern

Referenced to 0 dBi



Engineering Drawing

All dimensions are in inches