

Features

- Broadband Coverage
- 4.0 - 6.4 GHz
- 10.4 dBi Peak Gain @ 6.3 GHz
- SMA(f) RF Connector
- 100 Watt Power Handling
- White Kydex Radome
- 2x #6-32 UNC Threaded Mounting Holes

Applications:

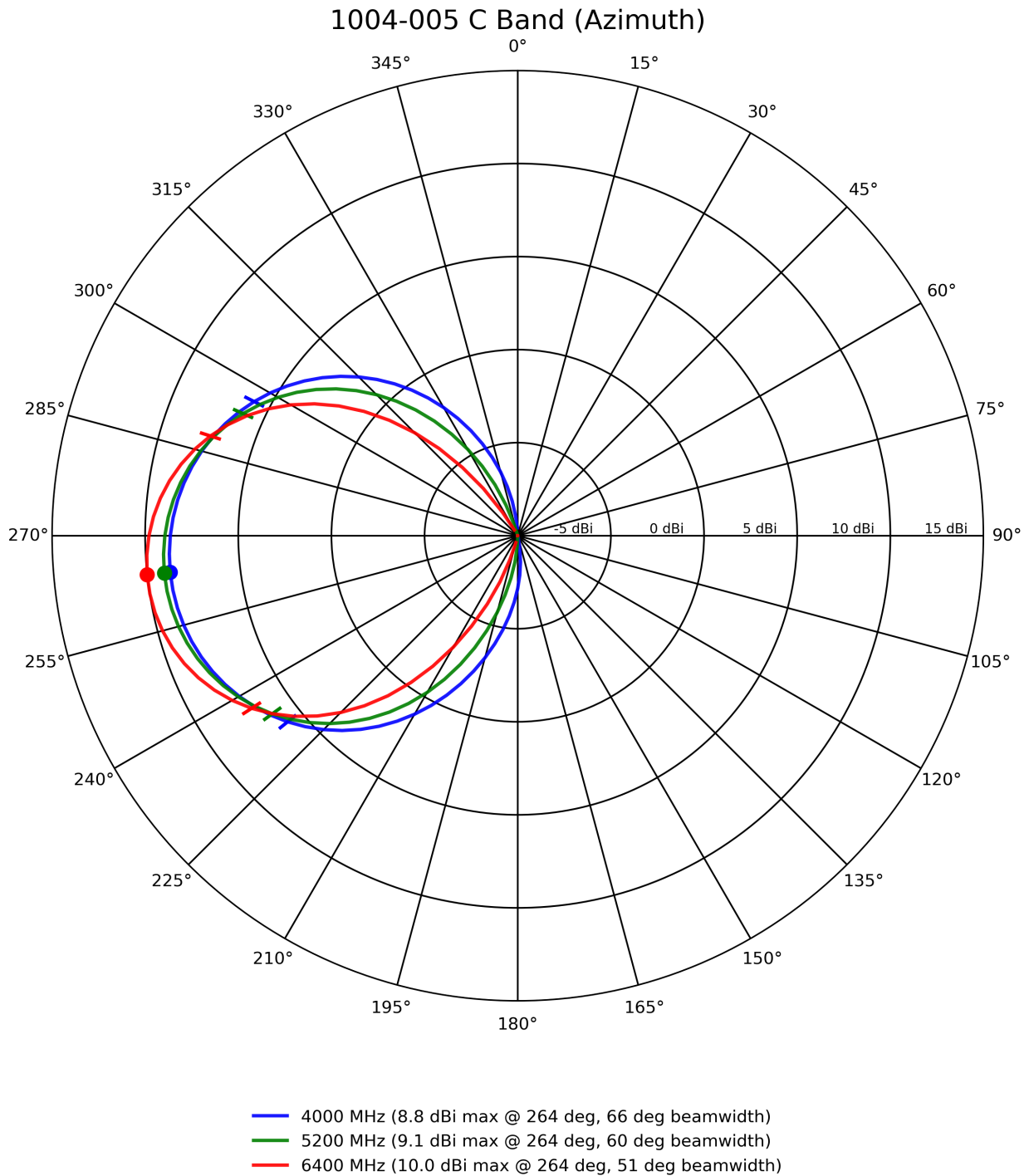
- Law Enforcement
- Surveillance
- UAV & UGV Ground Stations



Product Specifications

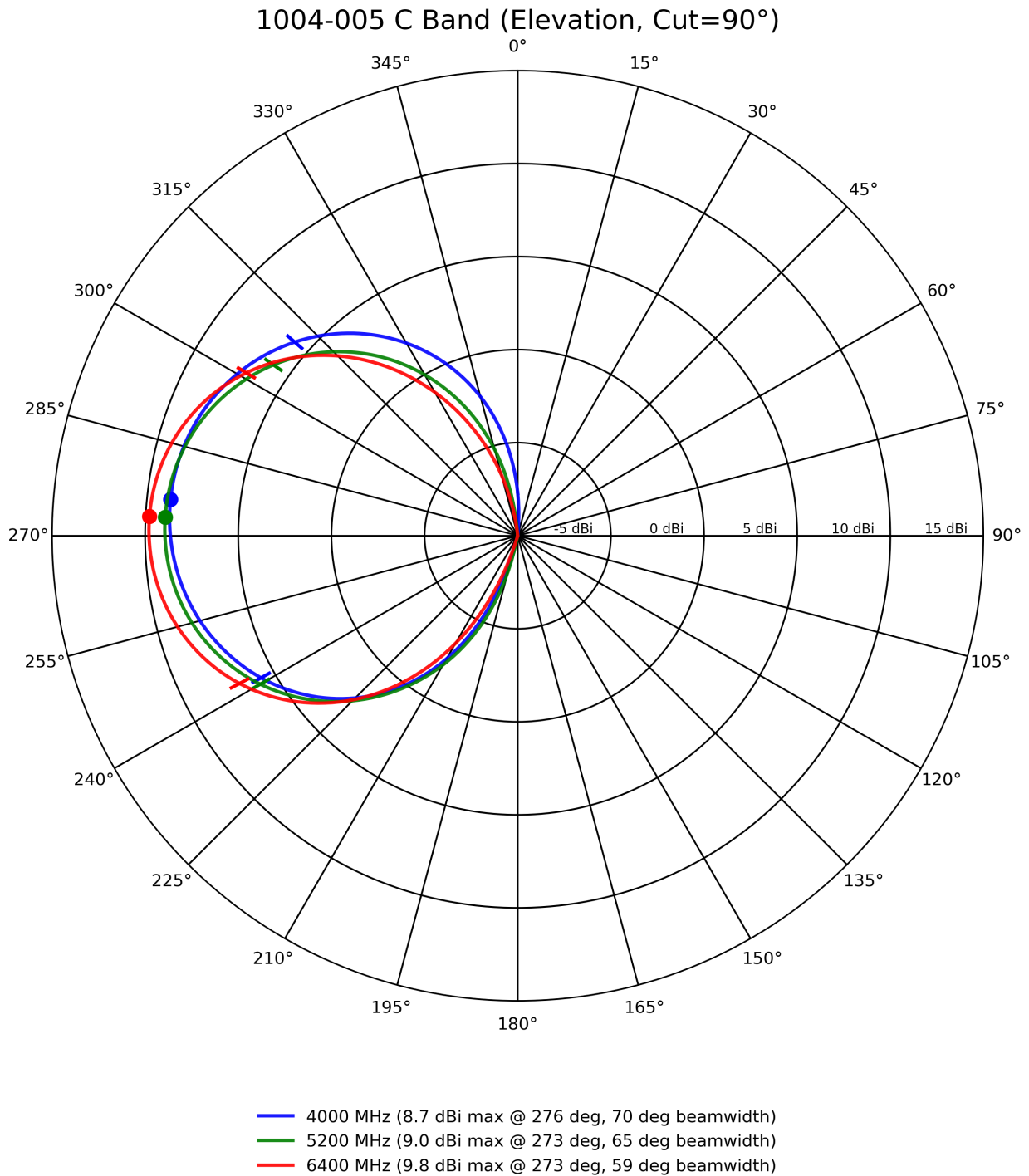
Parameter	Value	Units	Tolerance
Antenna Pattern	Directional Antenna		
Frequency Band	C		
Impedance	50	Ohms	
Minimum Frequency	4.0 / 4,000	GHz / MHz	
Maximum Frequency	6.4 / 6,400	GHz / MHz	
Frequency Bandwidth	2.4 / 2,400	GHz / MHz	
Maximum VSWR	2.0:1	Ratio	Typical
Maximum Gain	10.4	dBi	@ 6.3 GHz
Polarization	Vertical		
Color	White		
Maximum RF Input Power	100	Watts	
Horizontal AZ Beamwidth	51 - 66	Degrees	
Vertical EL Beamwidth	59 - 70	Degrees	

Parameter	Value	Units	Tolerance
Radome Material	Kydex		
Ground Plane Required	No		
Maximum Wind Velocity	62.1 / 100.0	mph / kph	
RF Connector Type	SMA(f)		
Product Length	3.57 / 90.68	inches / mm	±.13"
Product Width	2.07 / 52.58	inches / mm	+.020" / -.000"
Product Height	.78 / 19.81	inches / mm	±.13"
Product Weight	3.00 / 85.05	oz / g	



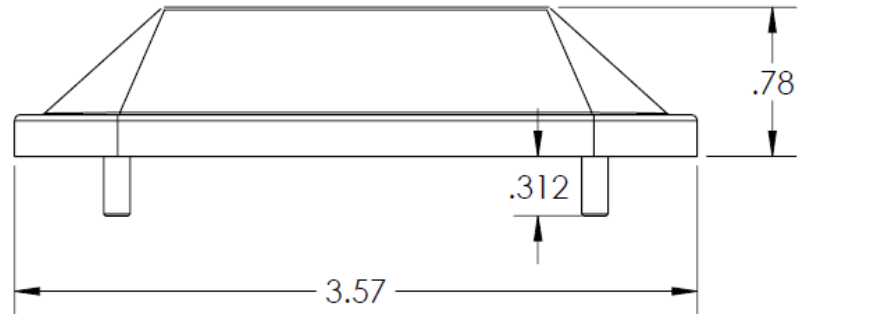
Azimuth Pattern

C Band (4,000 - 6,400 MHz)

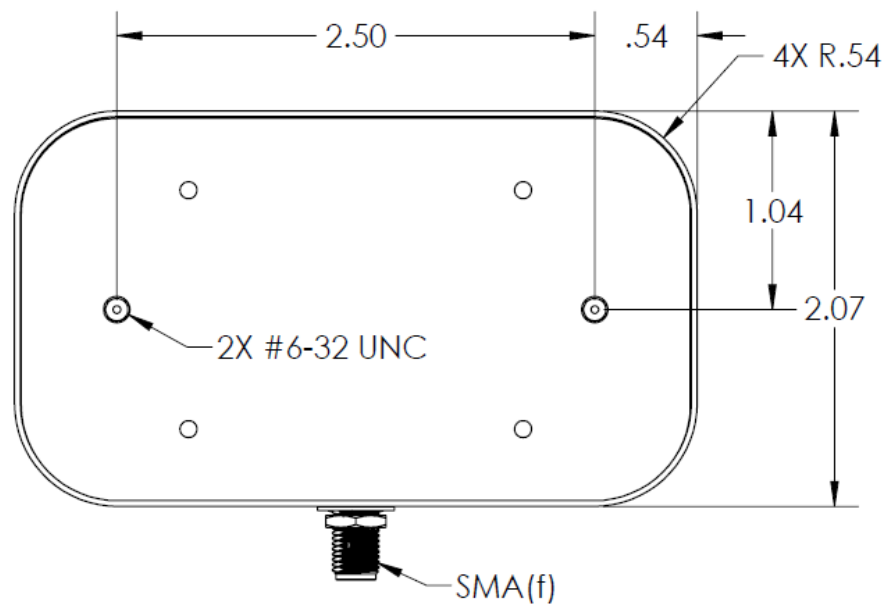


Elevation Pattern

C Band (4,000 - 6,400 MHz)



FRONT VIEW



BOTTOM VIEW

Engineering Drawing

All dimensions are in inches