

Overview

Southwest Antennas Part # 1001-262 is a half-wave dipole antenna that features 902 - 928 MHz UHF ISM Band frequency coverage with 2.15 dBi of gain.

Part # 1001-262 features an integrated 3" RF Gooseneck with black chrome non-rotating black chrome SMA(m) RF connector, which contributes to the improvement of RF link margin and overall antenna performance. Our proprietary antenna design and manufacturing process ensures optimum antenna RF performance.

The non-rotating SMA(m) RF connector can be easily secured or removed from equipment in the field by a single gloved hand, no tools required. The Black Chrome finish keeps the RF connector from reflecting light or being easily spotted in the field.

Antennas with integrated RF Goosenecks are ideal for handheld video receivers, portable radio systems, or any other mobile communication platform. The RF Gooseneck can be threaded through MOLLE gear or other tactical vest hardware for added security while moving.

Features

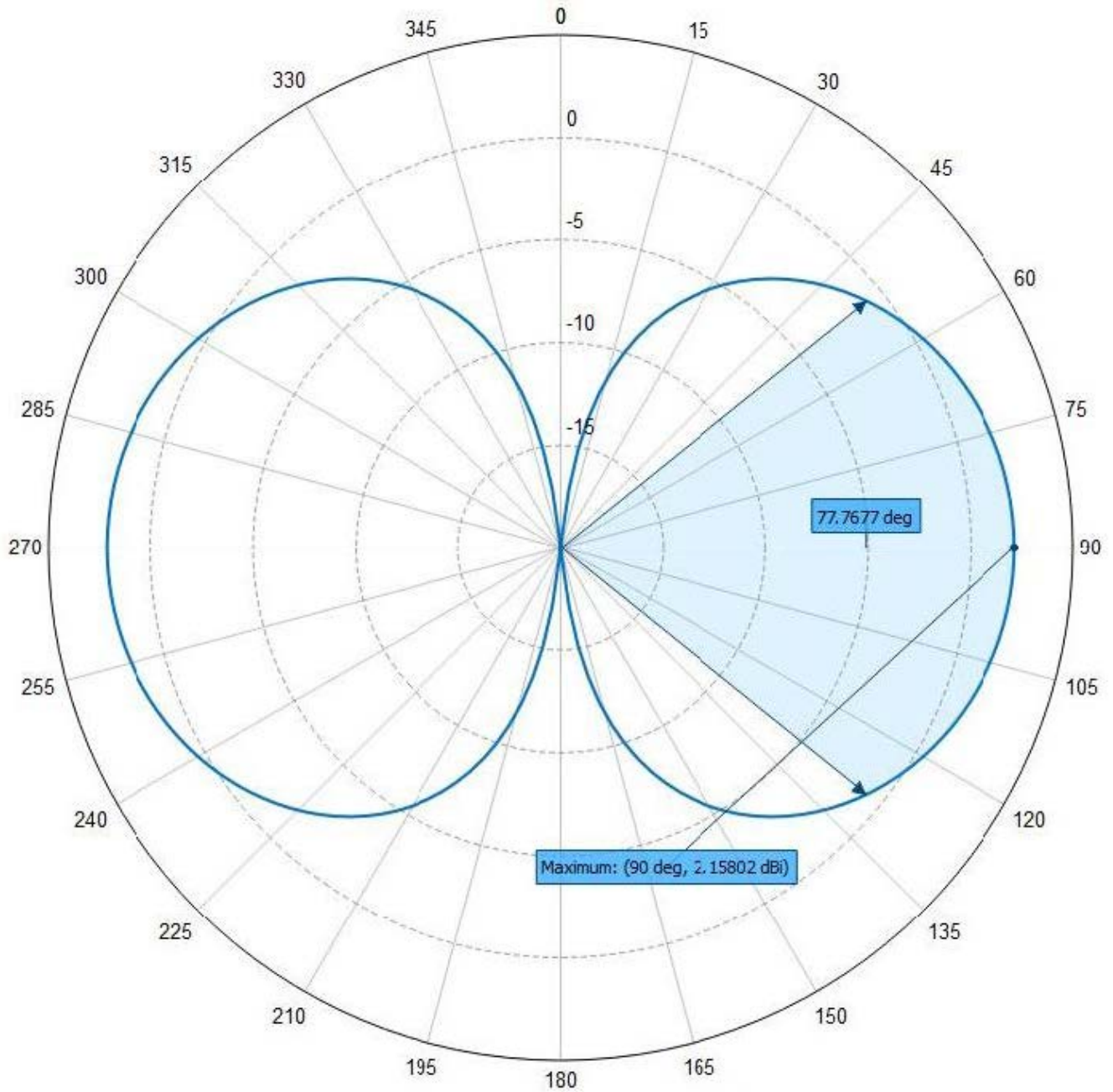
- Broad Band Coverage
- Half Wave Dipole Design
- 902 - 928 MHz
- 50W Power Handling
- 2.15 dBi Omni Radiation Pattern
- Integrated RF Coaxial Gooseneck
- Black Chrome Non-Rotating SMA(m) Connector



Product Specifications

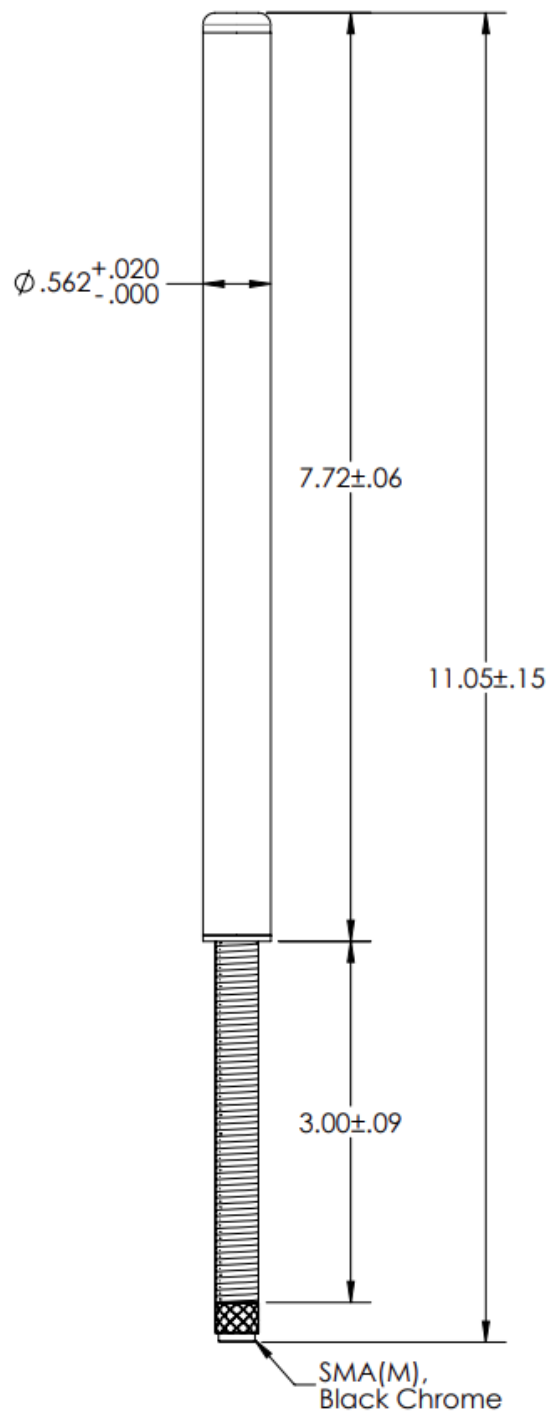
Parameter	Value	Units	Tolerance
Antenna Pattern	Omni Antenna		
Frequency Band	UHF		
Impedance	50		
Minimum Frequency	0.902 / 902	GHz / MHz	
Maximum Frequency	0.928 / 928	GHz / MHz	
Frequency Bandwidth	0.026 / 26	GHz / MHz	
Maximum VSWR	<2:1	Ratio	
Maximum Gain	2.15	dBi	
Polarization	Vertical		
Color	Black		
Maximum RF Input Power	50	Watts	
Horizontal AZ Beamwidth	360	Degrees	
Vertical EL Beamwidth	77	Degrees	
Spring Or Gooseneck	Gooseneck		
Gooseneck	Yes		
Gooseneck Length	3.0 / 76.2	inches / mm	±.09"
Gooseneck Diameter	.350 / 8.890	inches / mm	+.010" / -.005"
Ground Plane Required	No		
RF Connector Type	SMA(m) Non-Rotating		
RF Connector Finish	Black Chrome		
Product Height	11.05 / 280.67	inches / mm	±.15"
Product Diameter	.562 / 14.275	inches / mm	+.020" / -.000

Parameter	Value	Units	Tolerance
Product Weight	4.00 / 113.40	oz / g	Maximum



Elevation Pattern

Referenced to +5.0 dBi



Engineering Drawing

All dimensions are in inches