



# Stella Doradus Ireland Ltd.

## High Performance Base Station Series Part No. 26 SD9860NV - SUS 1



*The 26 SD9860NV - SUS1 is a high gain base station antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these antennas.*

### Electrical Specification

Gain		17.7dBi
3dB beam Pattern	Azimuth	60°
	Elevation	9.0°
Upper side lobe suppression		<-18dB
Bandwidth		2.5-2.7GHz
Reflection		-15.0dB
Front to Back Ratio		38dB
Polarization		Vertical
Power Rating		25W
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		30dB
Electrical tilt		1 degree

### Mechanical Specifications

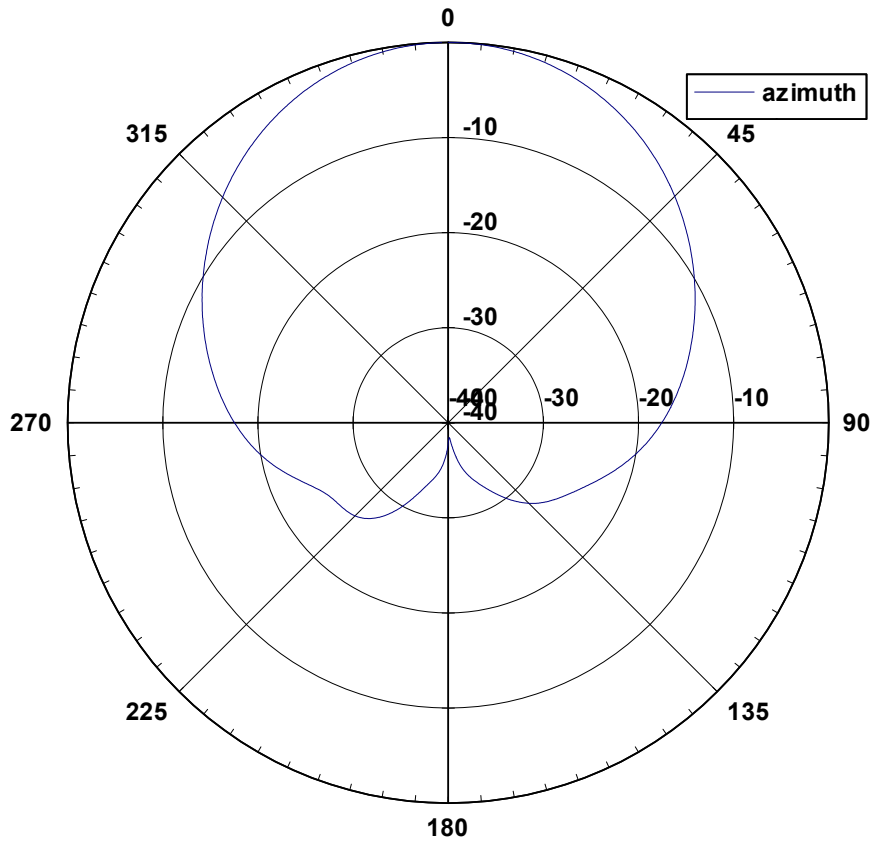
Length	35.8 inches
Width	5.5 inches
Depth	4.7 inches
Weight	8.75lbs
Windage(at 125mph)	86lbs front face on
Mechanical Tilt	0-7 degrees
Mounting Pipe	4 inch pipe

### Materials

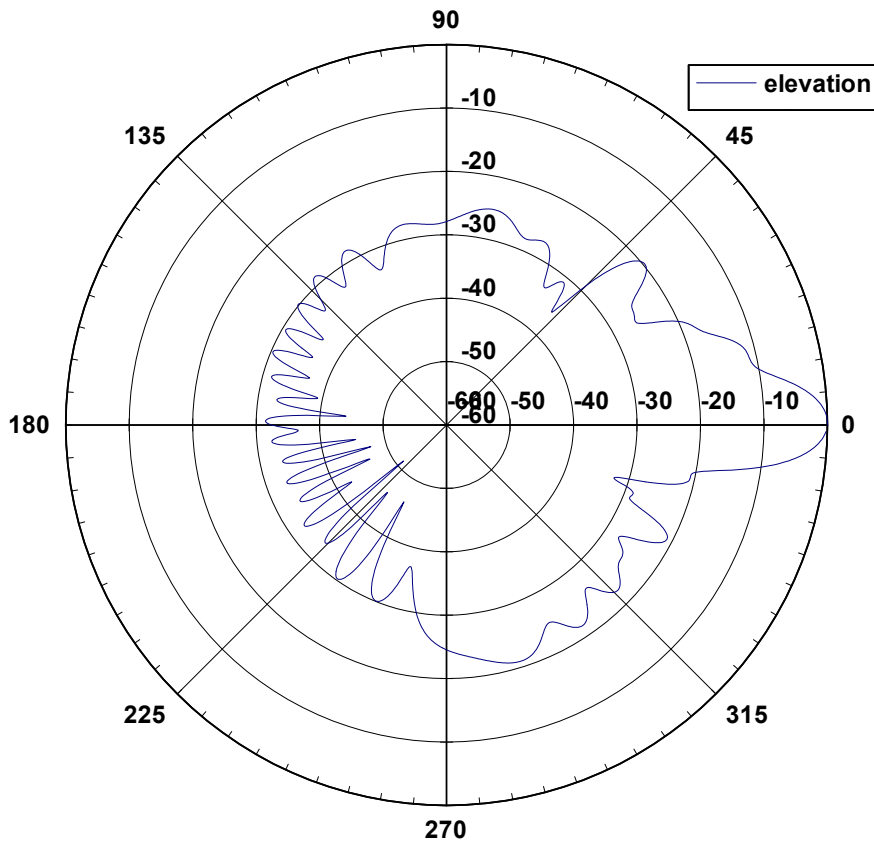
Radiating Element	Beam forming PCB dipole array
Radome	Aluminium + ABS Grey
Clamps	HDG steel + stainless steel bolts

Specification subject to change without notice.  
Warranty: 2 years from date of shipment from factory, against defects in materials and workmanship.  
Please refer to warranty document for full details.

**26 SD9860NV-SUS 1 Azimuth Pattern**



**26 SD9860NV-SUS 1 Elevation Pattern**



Specification subject to change without notice.  
Warranty: 2 years from date of shipment from factory, against defects in materials and workmanship.  
Please refer to warranty document for full details.