



# Stella Doradus Ireland Ltd.

## High Performance Base Station Series Part No. 26 SD9890NV - SUS 1



*The 26 SD9890NV - SUS1 is a high gain base station antenna with suppressed upper side lobes designed for use in high density RF environments.*

*The excellent radiation characteristics are the distinguishing features of these antennas.*

### Electrical Specification

Gain	16dBi
3dB beam Pattern	Azimuth 92°
	Elevation 9.0°
Upper side lobe suppression	<-18dB
Bandwidth	2.5-2.7GHz
Reflection	-15dB
Front to Back Ratio	30dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB
Electrical tilt	1 degree

### Mechanical Specifications

Length	35.75 inches
Width	5.5 inches
Depth	4.7 inches
Weight	8.5lbs
Windage(at 125mph)	86lbs front face on
Mechanical Tilt	N/A
Mounting Pipe	4 inch pipe

### Materials

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

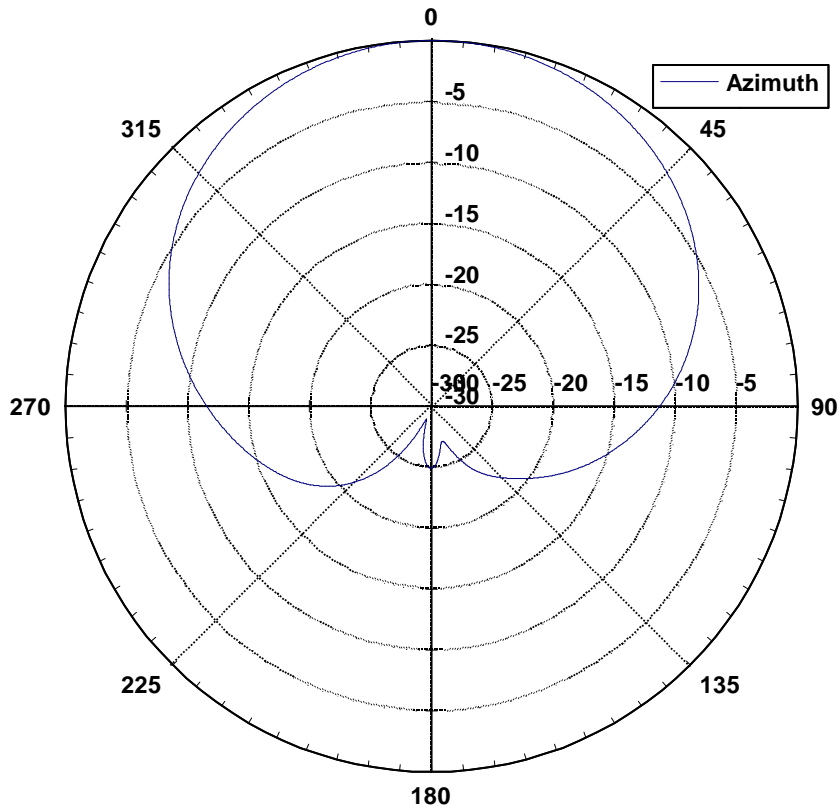
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Specification subject to change without notice.

Warranty: 2 years from date of shipment from factory, against defects in materials and workmanship.

Please refer to warranty document for full details.

### Azimuth Pattern



### 26 SD9890NV-SUS 1 Elevation Pattern

