



# Stella Doradus Ireland Ltd.

## 2.6GHz High Performance Base Station Part No.: 26 SD9890V



*The 26 SD9890V 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	16.5dBi
3dB beam Pattern	90° x 7°
Bandwidth	2.5-2.7GHz
Reflection	-16.5dB
Front to Back Ratio	37dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB

### Mechanical Specifications

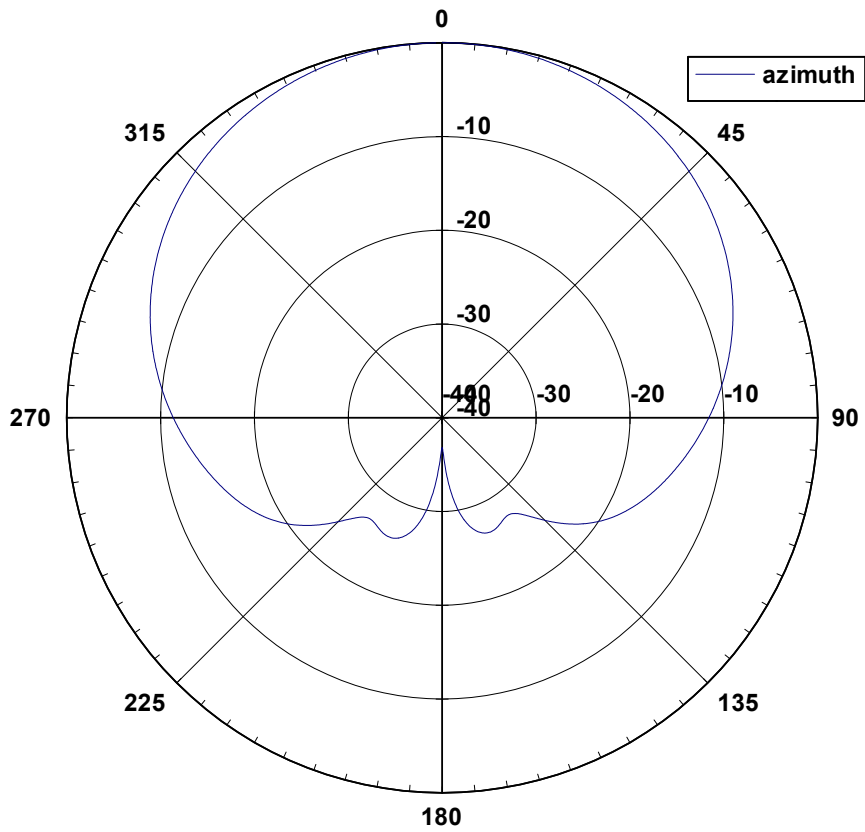
Length	35.8 inches
Width	5.5 inches
Depth	4.7 inches
Weight	8.5lbs
Windage(at 125mph)	86lbs front face on
Mechanical Tilt	0-7 degrees
Mounting Pipe	4 inch pipe

### Materials

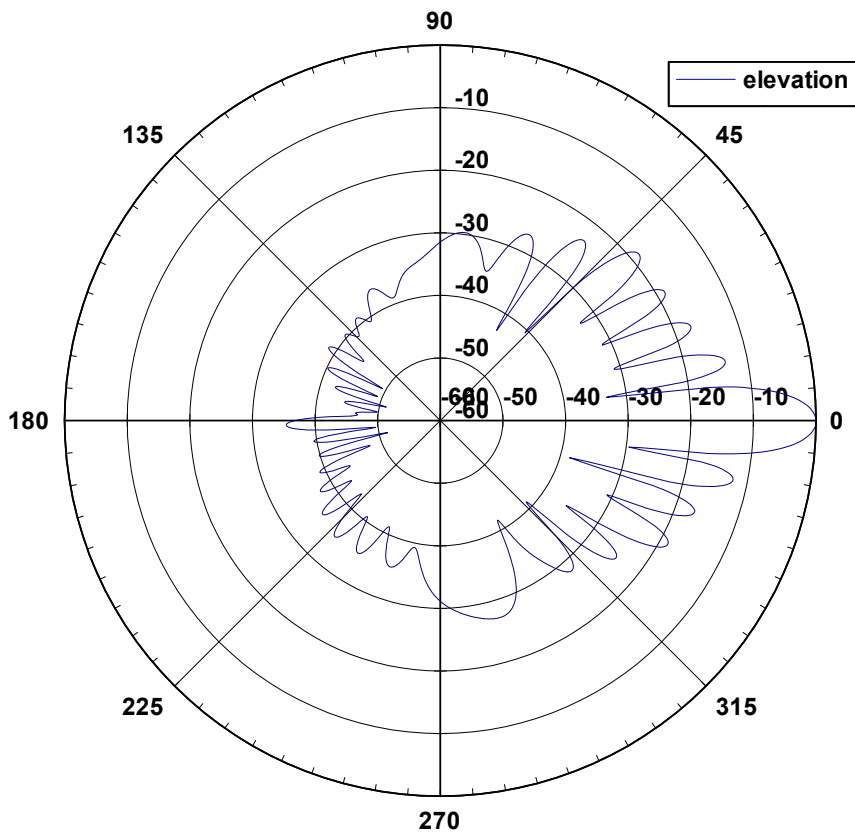
Radiating Element	Beam forming PCB dipole array
Radome	Aluminium + ABS Grey
Clamps	HDG steel + stainless steel bolts

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 SD9890V Azimuth Pattern



### 26 SD9890V Elevation Pattern



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