



# Stella Doradus Ireland Ltd.

## 2.6GHz 26 SD9890V High Performance Base Station



*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	30dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB

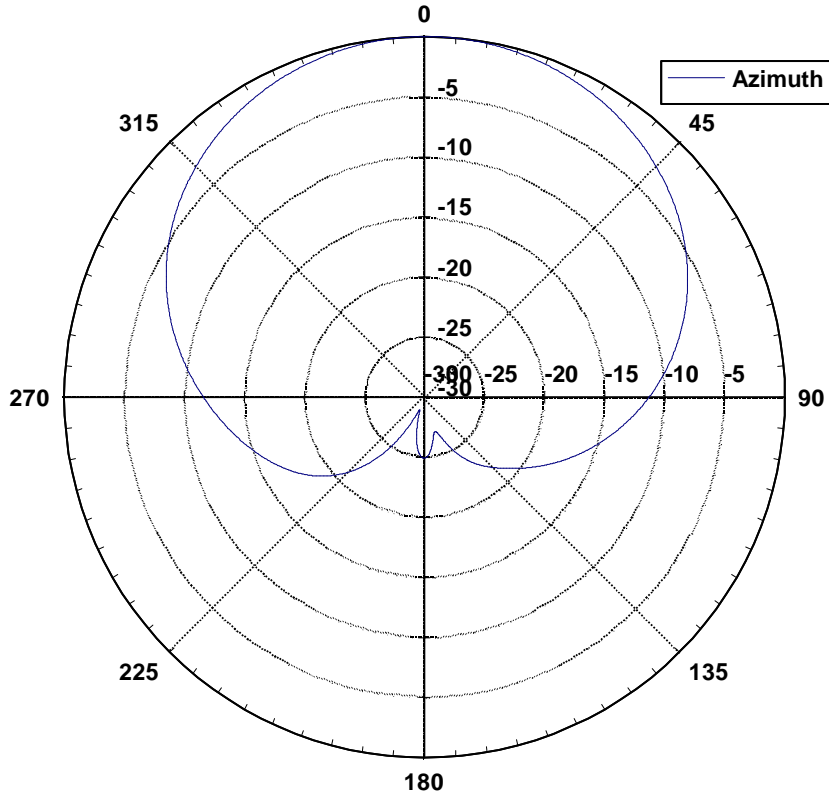
### Mechanical Specifications

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

**Azimuth Pattern**



**26 SD9890V Elevation Pattern**

