



# Stella Doradus Ireland Ltd.

## High Performance Base Station Series Part No. 26 SD9890NV - T4



*The 26 SD9890NV - T4 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	16dBi
3dB beam Pattern	91°
Elevation	8.0°
Bandwidth	2.5-2.7GHz
reflection	-15.5dB
Front to Back Ratio	30dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB
Electrical tilt	4 degrees

### 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

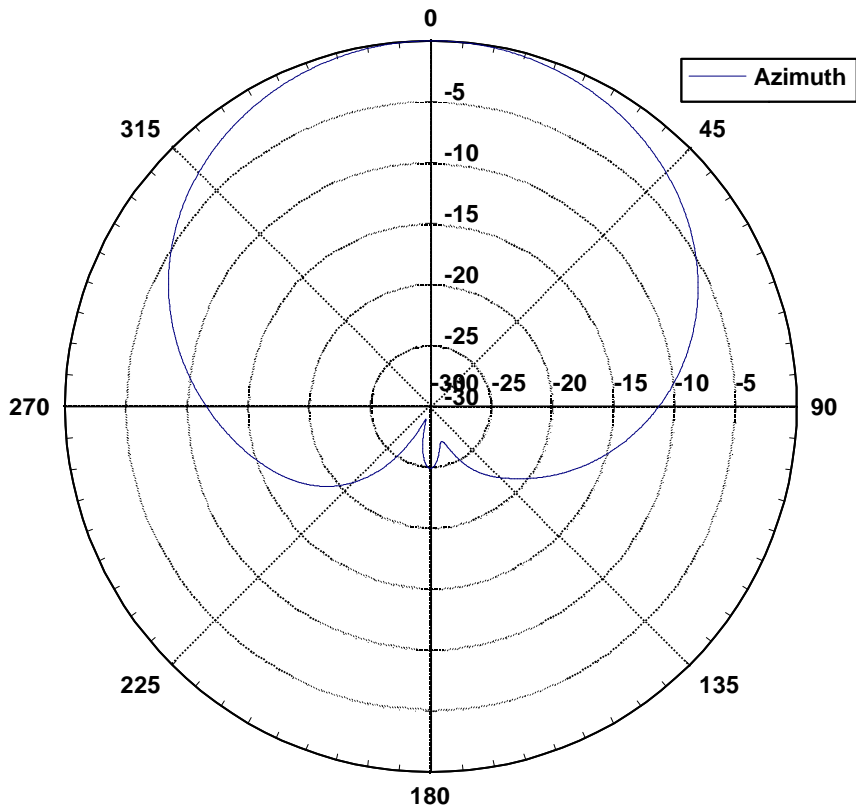
### Materials

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

07-14-06

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-T4 Elevation Pattern**

