



Stella Doradus Ireland Ltd.

High Performance Base Station Series Part No. 26 SD9890NV - SUS 3



The 26 SD9890NV - SUS3 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 8.75°
Upper side lobe suppression	<-18dBi
Bandwidth	2.5-2.7GHz
Reflection	-15.0dB
Front to Back Ratio	36dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB
Electrical tilt	3 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

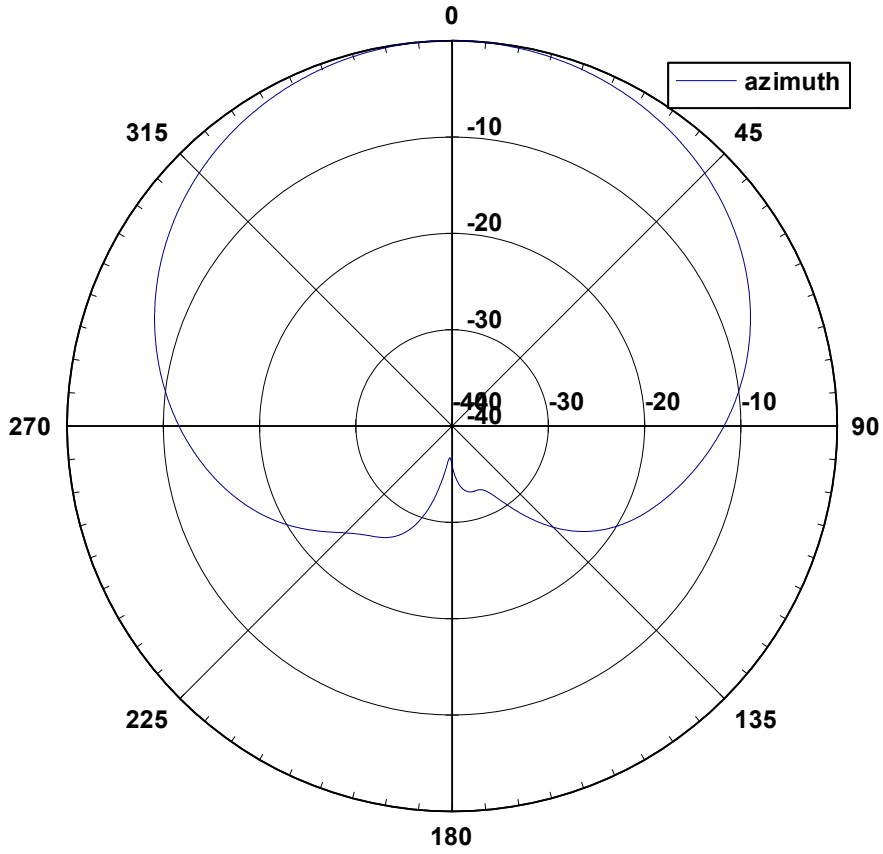
Materials

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

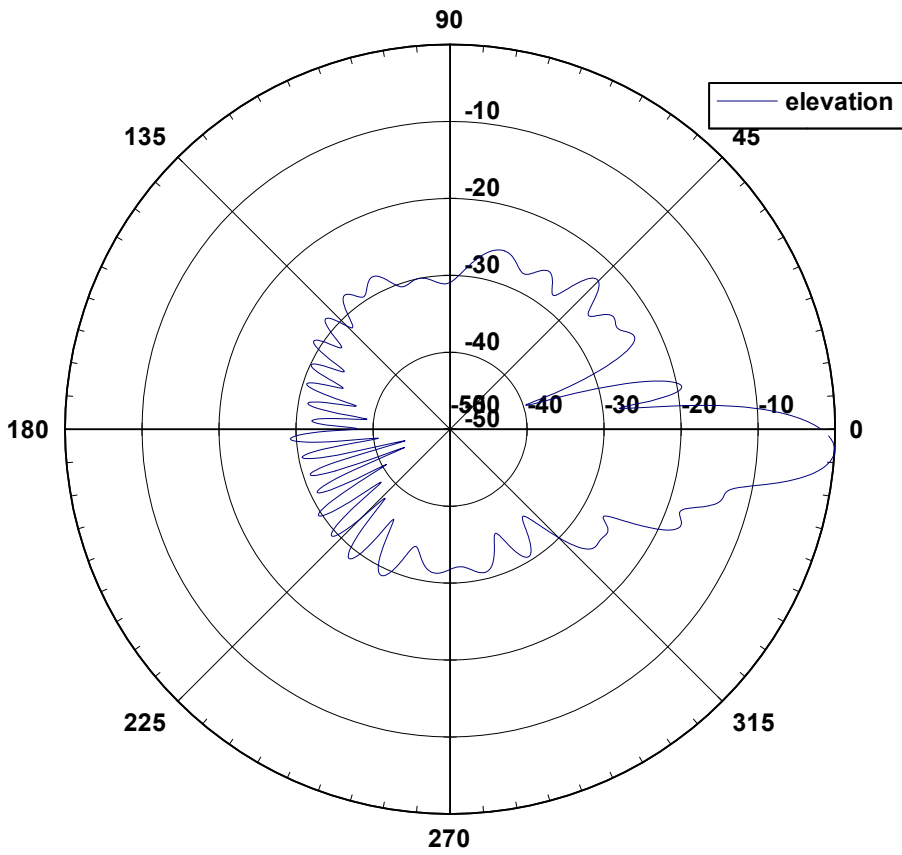
Specification subject to change without notice.

Warranty: 2 years from date of shipment from factory, against defects in materials and workmanship.
Please refer to warranty document for full details.

26 SD9890NV-SUS3 Azimuth Pattern



26 SD9890NV-SUS3 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.