



Stella Doradus Ireland Ltd.

High Performance Base Station Series Part No. 26 SD9860NV - SUS 3



The 26 SD9860NV - SUS 3 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		17.5 dBi
3dB beam Pattern	Azimuth	60°
	Elevation	9.0°
Upper side lobe suppression		<-18dB
Bandwidth		2.5-2.7GHz
Reflection		-15.0dB
Front to Back Ratio		38dB
Polarization		Vertical
Power Rating		25W
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		30dB
Electrical tilt		3degree

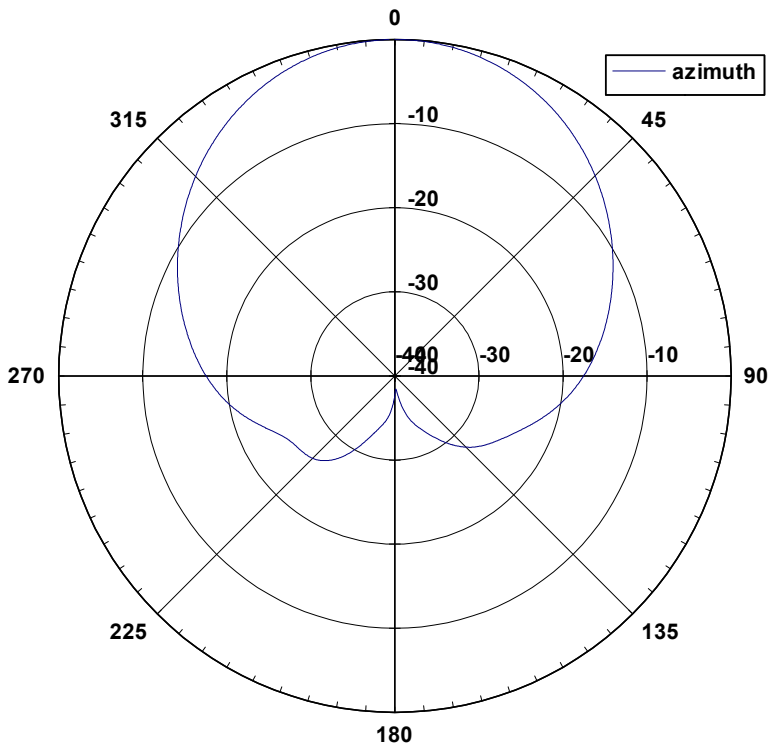
Mechanical Specifications

Length	35.8 inches
Width	5.5 inches
Depth	4.7 inches
Weight	8.75lbs
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

26 SD9860NV-SUS3 Azimuth Pattern



26 SD9860NV-SUS3 Elevation Pattern

