



Stella Doradus Ireland Ltd.

3.7GHz High Performance Base Station Series Part No. 37 SD9890NV



The 37 SD9890NV 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	90° x 7°
Bandwidth	3.6 - 3.8GHz
Reflection	-16.5dB
Front to Back Ratio	25dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB

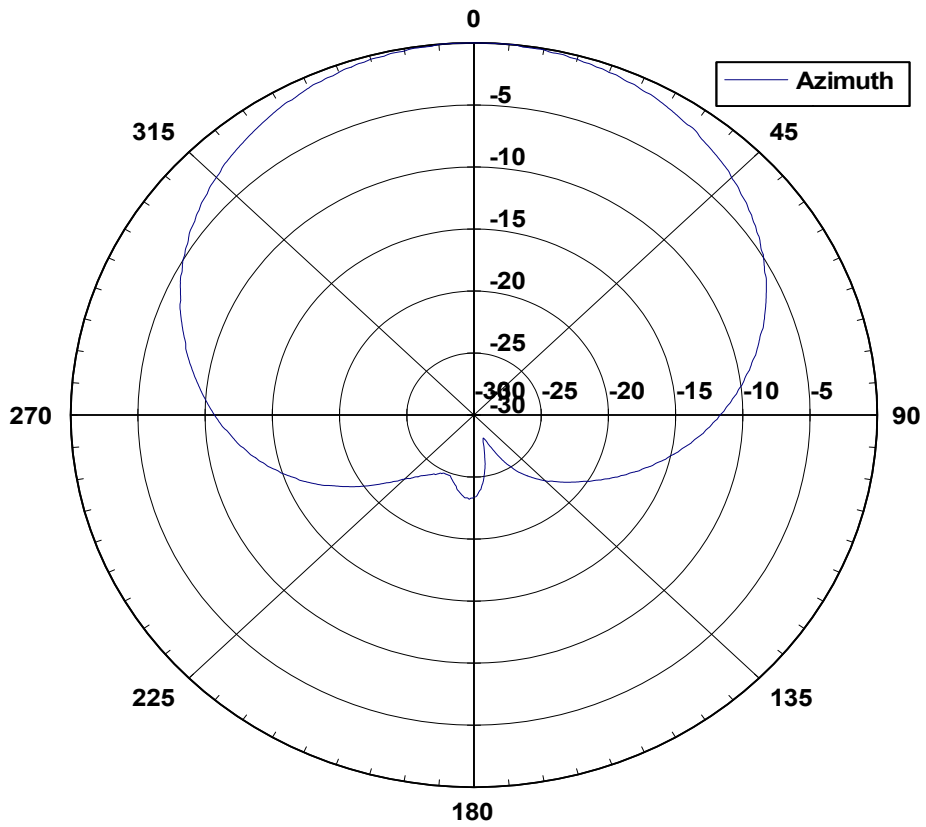
Mechanical Specifications

Length	71cm
Width	14cm
Depth	12cm
Weight (excl. brackets)	2.5kg
Windage(at 200kmph)	298N
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

37 SD9890NV Azimuth Pattern



37 SD9890NV Elevation Pattern

