



Stella Doradus Ireland Ltd.

3.7GHz 37 SD98120NV High Performance Base Station



The 37 SD98120NV 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	15dBi
3dB beam Pattern	120° 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

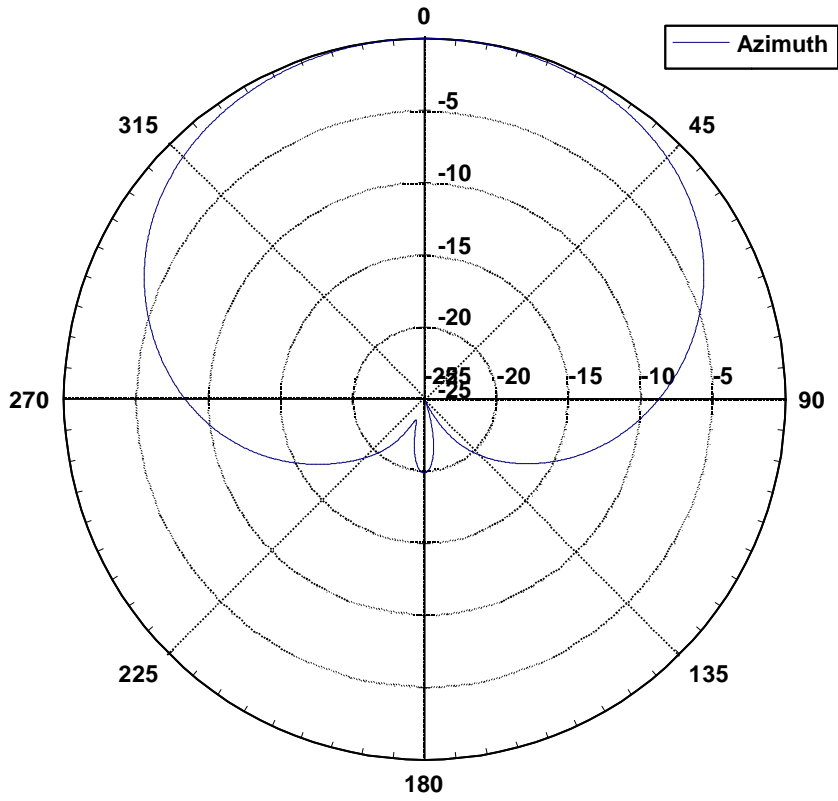
Materials

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

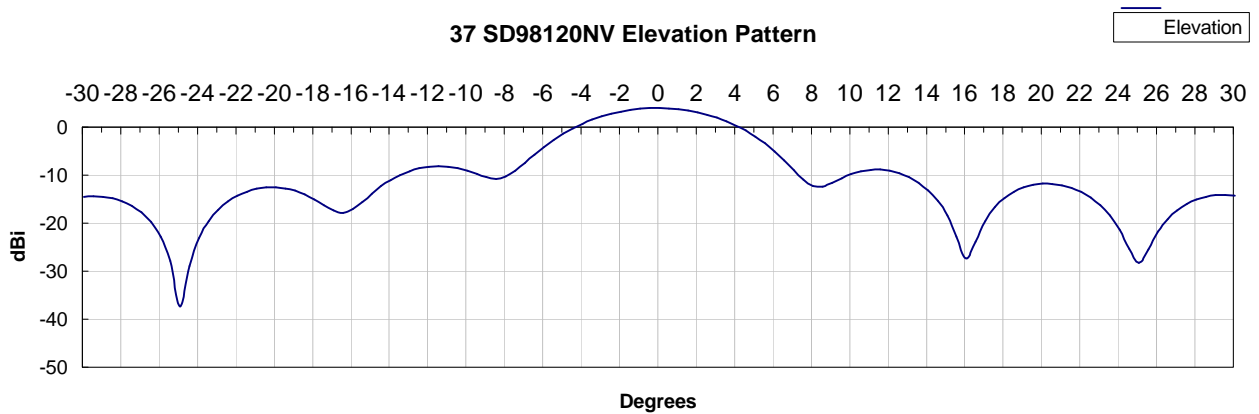
Specification subject to change without notice.

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



37 SD98120NV Elevation Pattern



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