



Stella Doradus Ireland Ltd.

3.5GHz Base Station antenna

Part No.: 35 9015



The 35 9015 is a base station point to point antenna designed for use in high density RF environments

The excellent radiation characteristics are the distinguishing features of these antennas

Electrical Specifications

Gain	13.5dBi
3dB beam Pattern	90° x 15°
Bandwidth	3.4-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	31 dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

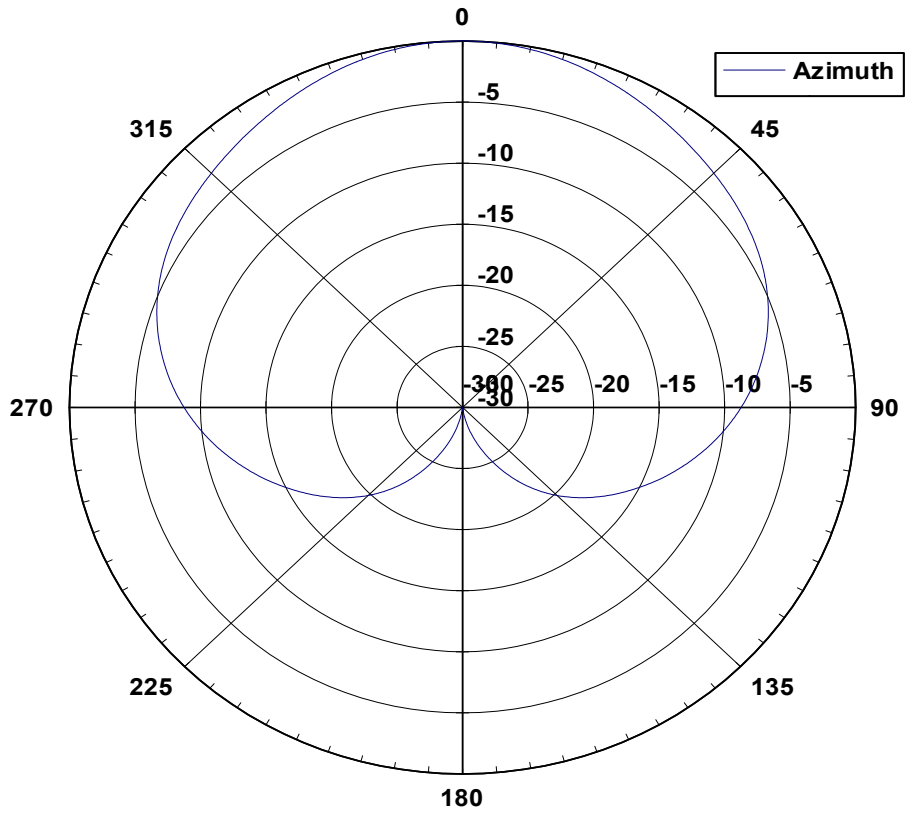
Mechanical Specifications

Length	43.5cm
Width	22.5cm
Depth	7.5 cm
Weight	1.03 Kg
Windage(at 215kmph)	28 kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	Beam forming PCB patch array
Radome (feed)	ABS Grey
Clamps	HDG steel + galvanised steel bolts

35 9015 Azimuth Pattern



35 9015 Elevation Pattern

