



Stella Doradus Ireland Ltd.

3.5GHz Base Station antenna

Part No.: 35 9008



The 35 9008 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	16.5dBi
3dB beam Pattern	90° x 8°
Bandwidth	3.3-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	25dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

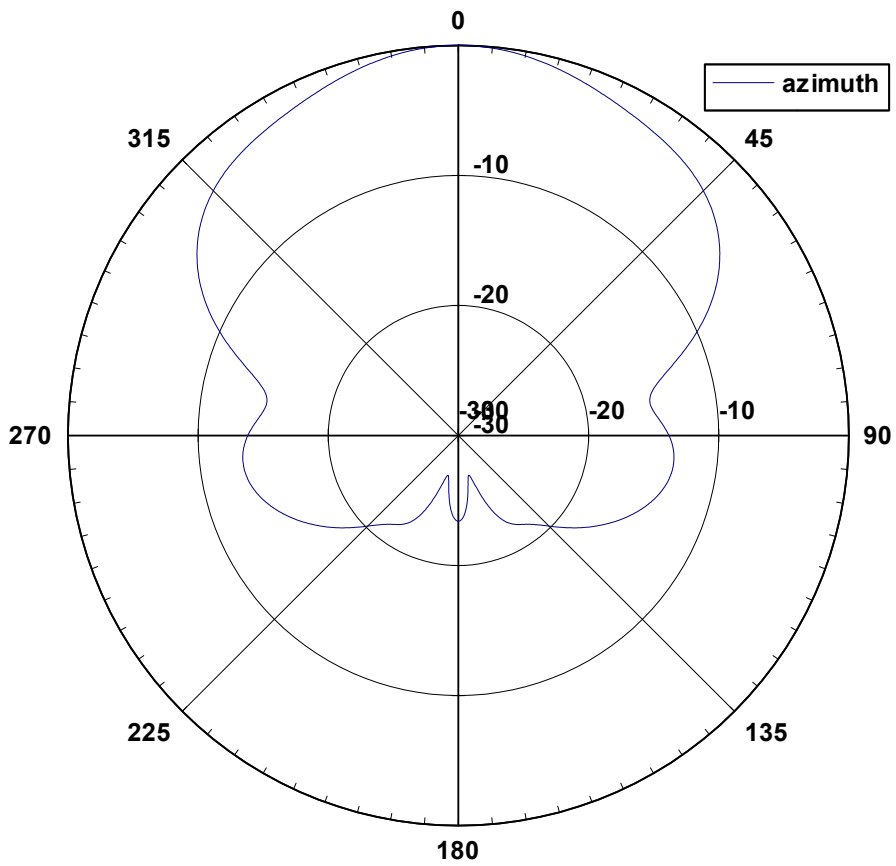
Mechanical Specifications

Length	100cm
Width	17cm
Depth	10 cm
Weight	2kg
Windage(at 215kmph)	49kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5cm pipe

Materials

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

35 9008 Azimuth Pattern



35 9008 Elevation Pattern

