



Stella Doradus Ireland Ltd.

3.5GHz Base Station antenna

Part No.: 35 3015



The 35 3015 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	18dBi
3dB beam Pattern	30° x 15°
Bandwidth	3.4-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	27dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

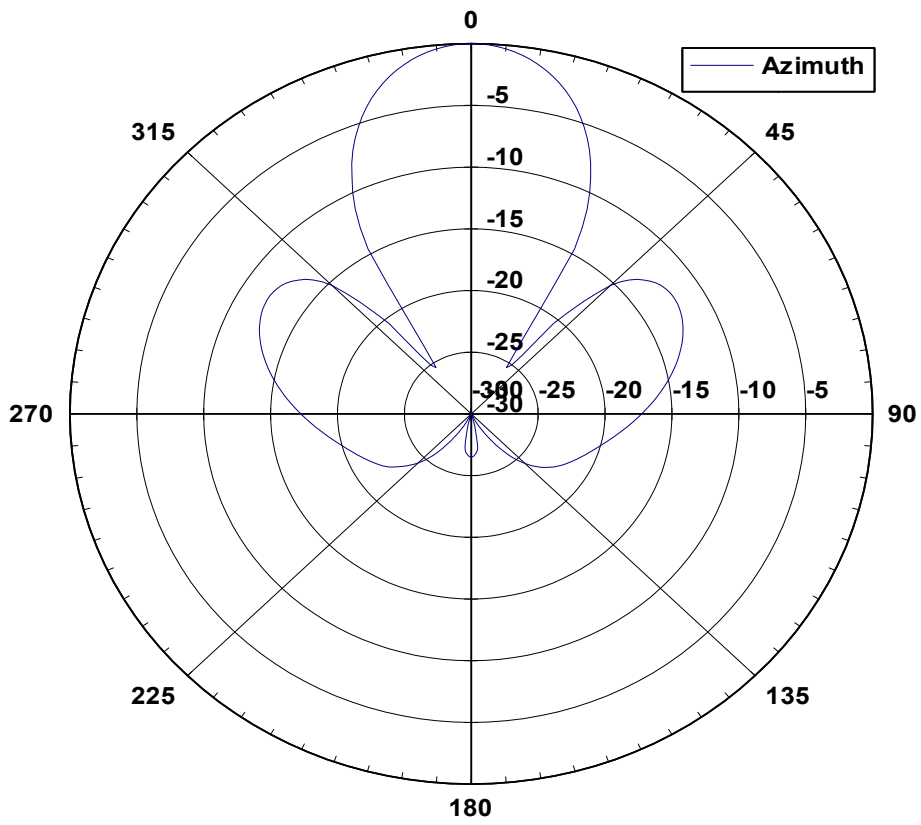
Mechanical Specifications

Length	50cm
Width	22cm
Depth	4 cm
Weight	1 Kg
Windage(at 215kmph)	24 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 3015 Azimuth Pattern



35 3015 Elevation Pattern

