



Stella Doradus Ireland Ltd.

3.5GHz Base Station antenna

Part No.: 35 12015



*The 35 12015 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	12dBi
3dB beam Pattern	120° x 15°
Bandwidth	3.4-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	28dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

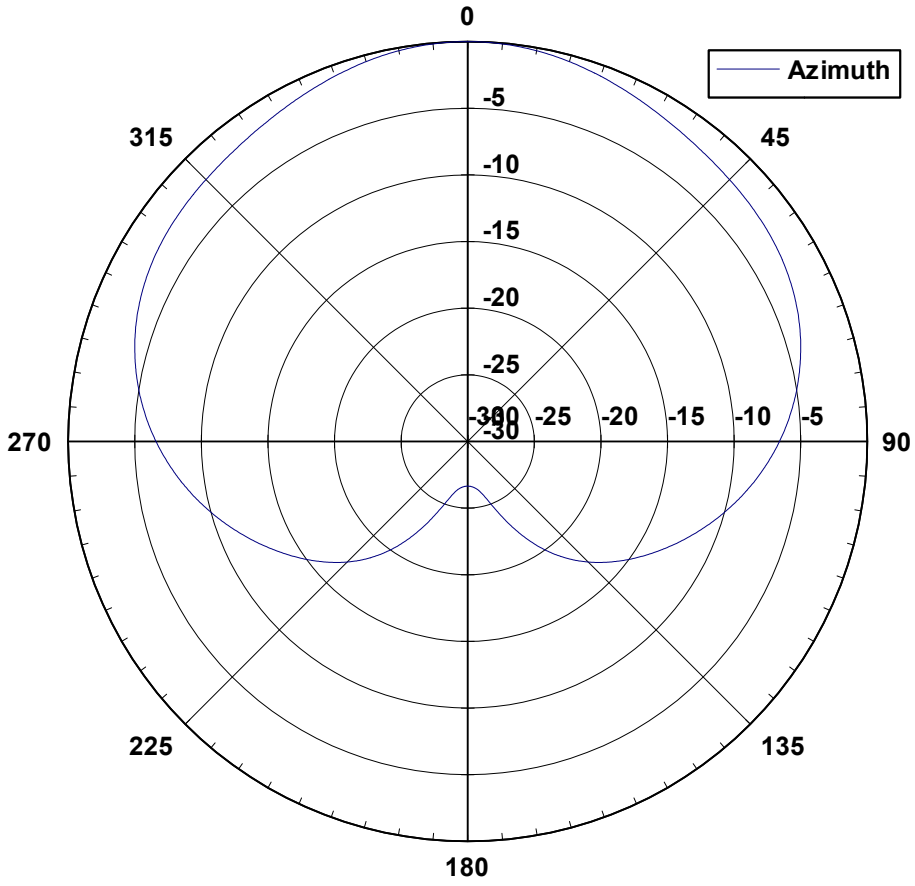
Mechanical Specifications

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 12015 Azimuth Pattern



35 12015 Elevation Pattern

