



Stella Doradus Ireland Ltd.

5.2GHz Planar Antenna Part No.: 52 1515H



The 52 1515H is an indoor or outdoor pole mounted antenna.

Adjustable elevation or horizontal tilt are available

The excellent radiation characteristics are the distinguishing features of these antennas

Electrical Specification

Gain	24dBi
3dB beam Pattern	9° x 9°
Bandwidth	5.1-5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	27.5dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

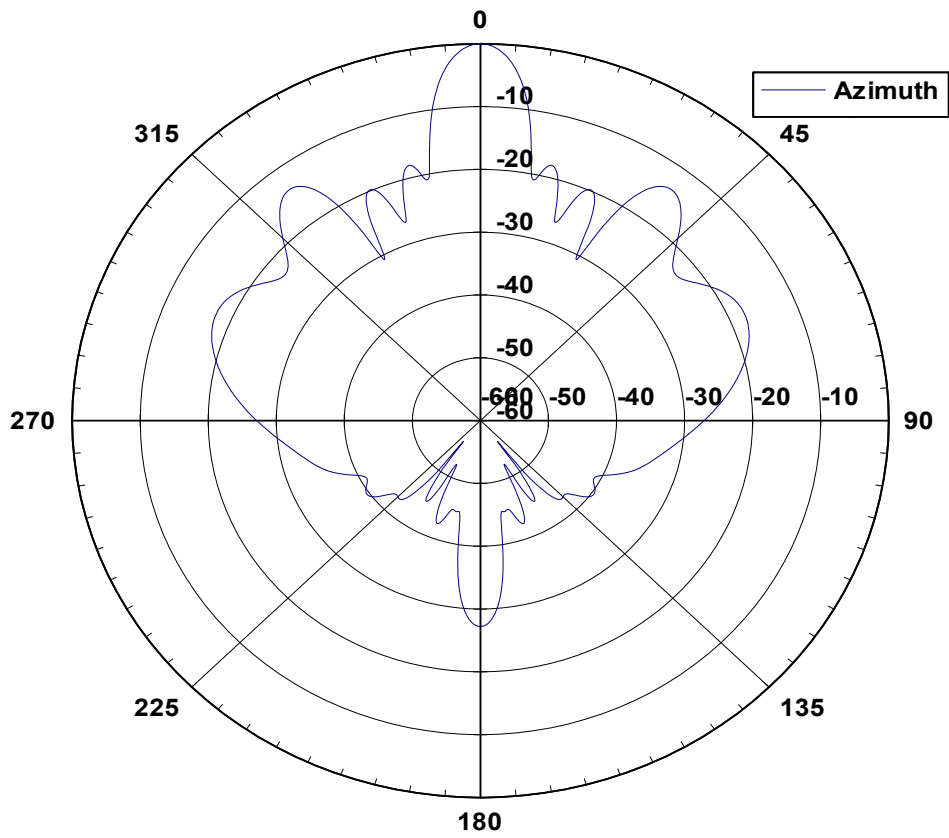
Mechanical Specifications

Length	33cm
Width	33cm
Depth	4 cm
Weight	2.2Kg
Windage(at 215kmph)	37.3kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

Azimuth Pattern



Elevation Pattern

