



Stella Doradus Ireland Ltd.

3.5GHz Planar Antenna Part No.: 35 3030H



The 35 3030H 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	18dBi
3dB beam Pattern	20° x 20°
Bandwidth	3.4-3.6GHz
VSWR	1.8: 1
Front to Back Ratio	43dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	-35dB after 55 deg
Surge Protection	Built in

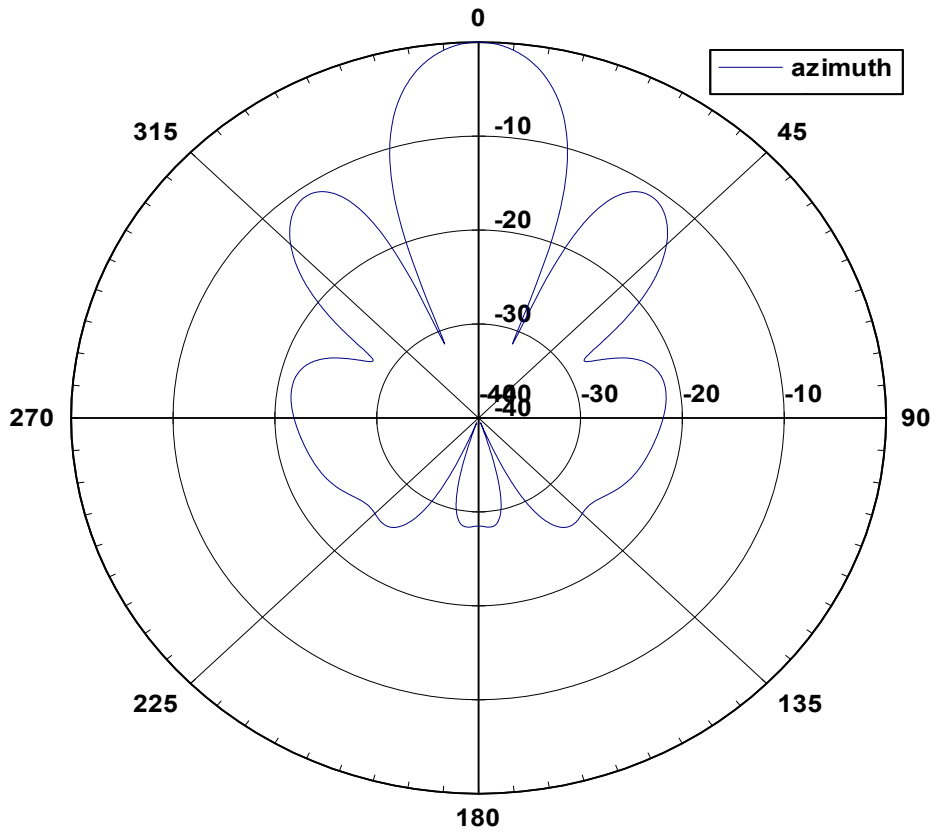
Mechanical Specifications

Length	24cm
Width	23cm
Depth	3cm
Weight	1.Kg
Windage(at 215kmph)	16.2kg
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

