



Stella Doradus Ireland Ltd.

3.5GHz Planar Antenna Part No.: 35 2020H



The 35 2020H is an indoor or outdoor pole mount high gain antenna.

Adjustable elevation or horizontal tilt are available

The excellent radiation characteristics are the distinguishing features of these well priced antennas.

Electrical Specification

Gain	21dBi
3dB beam Pattern	14° x 14°
Bandwidth	3.4-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	30dB
Polarization	Horizontal
Power Rating	100W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	-42dB after 55 deg
Surge Protection	Built in

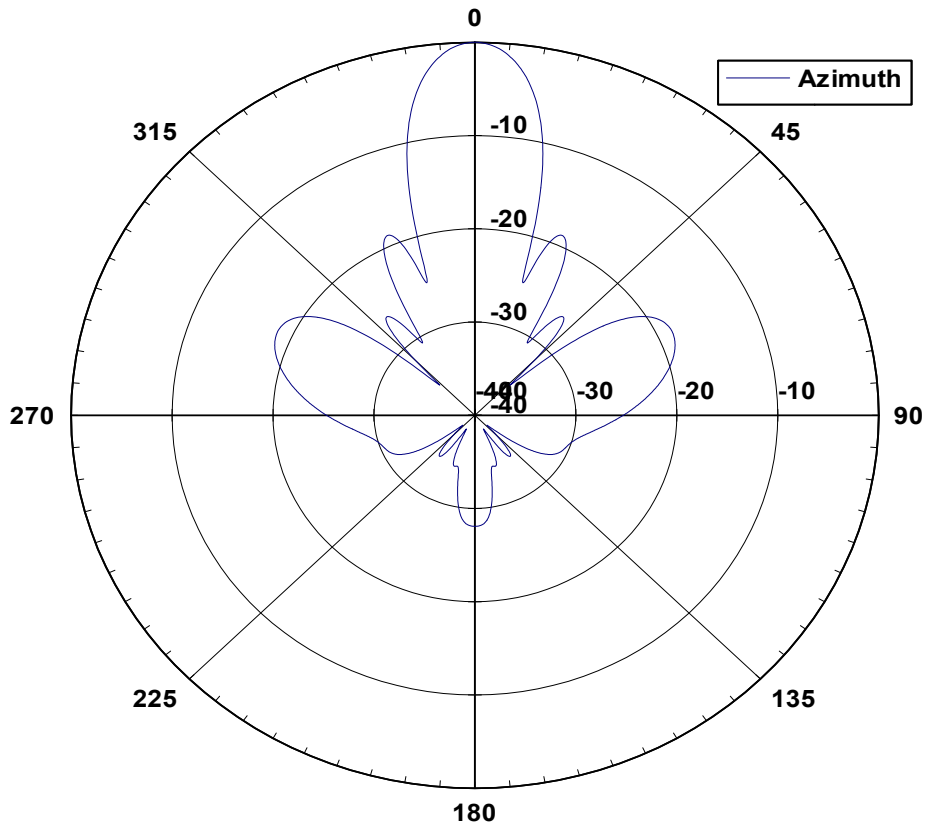
Mechanical Specifications

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

Materials

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

Azimuth Pattern



Elevation Pattern

