



Stella Doradus Ireland Ltd.

5.2GHz Planar Antenna Part No.: 52 8585H



*The 52 8585H is an indoor or outdoor pole mounted, wall mounted or desktop mounted antenna
Adjustable elevation or horizontal tilt are available.
High quality professional antennas with exceptional patterns and extremely durable.*

Electrical Specification

Gain	9dBi
3dB beam Pattern	55° x 35°
Bandwidth	5.1-5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	27dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	15dBi
Surge Protection	Built in

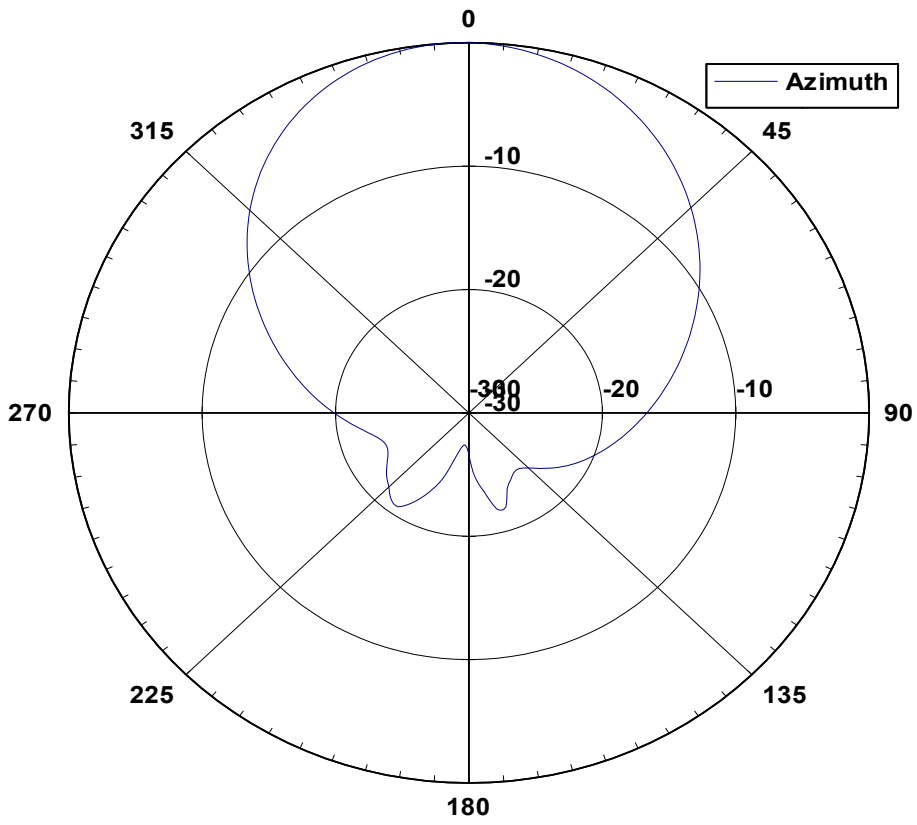
Mechanical Specifications

Length	12cm
Width	11cm
Depth	2 cm
Weight	0.8Kg
Windage(at 215kmph)	3.1kg
Mounting Pipe	5 cm pipe

Materials

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

Azimuth Pattern



Elevation Pattern

