



Stella Doradus Ireland Ltd.

1.9GHz Planar Antenna

Part No.: 19 3030H



*The 19 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	1.75 - 1.85GHz
VSWR	1.8 : 1
Front to Back Ratio	32dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female
Cross Pol. Discrimination	25dBi
Surge Protection	Built in

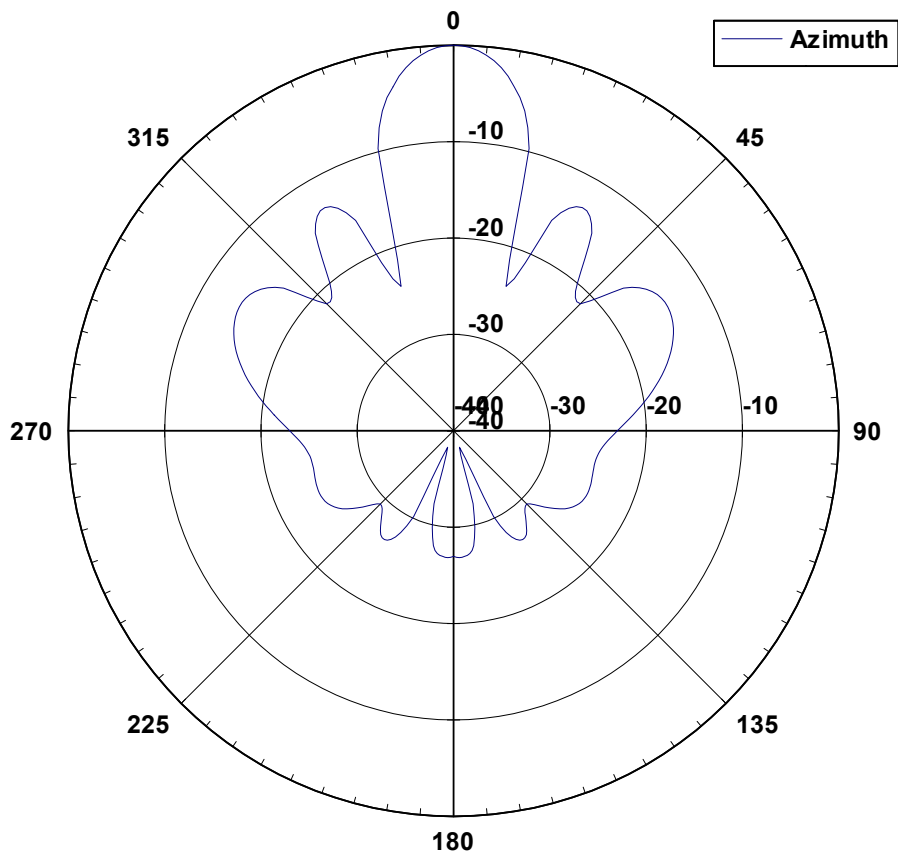
Mechanical Specifications

Length	45cm
Width	45cm
Depth	5cm
Weight	2.5kg
Windage(at 215kmph)	60kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

19 3030H Azimuth Pattern



19 3030H Elevation Pattern

