



Stella Doradus Ireland Ltd.

19 8080 1.9GHz Planar Antenna



*The 19 8080 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 well priced antennas*

Electrical Specification

Gain	9dBi
3dB beam Pattern	75° x 50°
Bandwidth	1.75-1.85GHz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	-20dB after 55 deg
Surge Protection	Built in

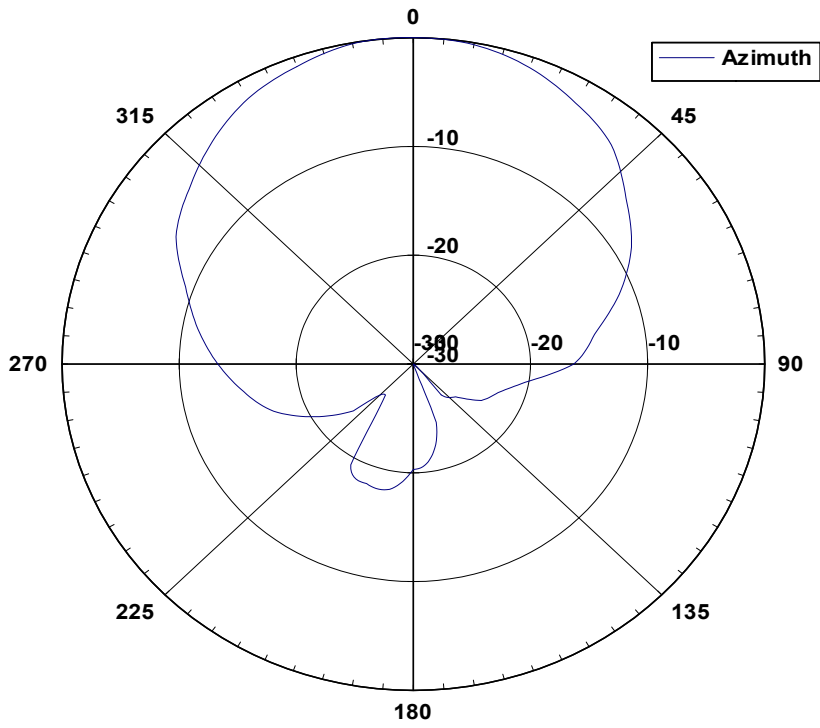
Mechanical Specifications

Length	24cm
Width	23cm
Depth	3 cm
Weight	1Kg
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 + zinc plated bolts

19 8080 Azimuth Pattern



19 8080 Elevation Pattern

