



Stella Doradus Ireland Ltd.

2.2GHz 180 degree Base Station antenna

Part No.: 22 18015



*The 22 18015 is a base station point to point antenna designed for use in high density RF environments
The excellent radiation characteristics are the distinguishing features of these antennas*

Electrical Specifications

Gain	10dBi
3dB beam Pattern	180° x 15°
Bandwidth	2.1-2.3GHz
VSWR	1.8 : 1
Front to Back Ratio	26dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

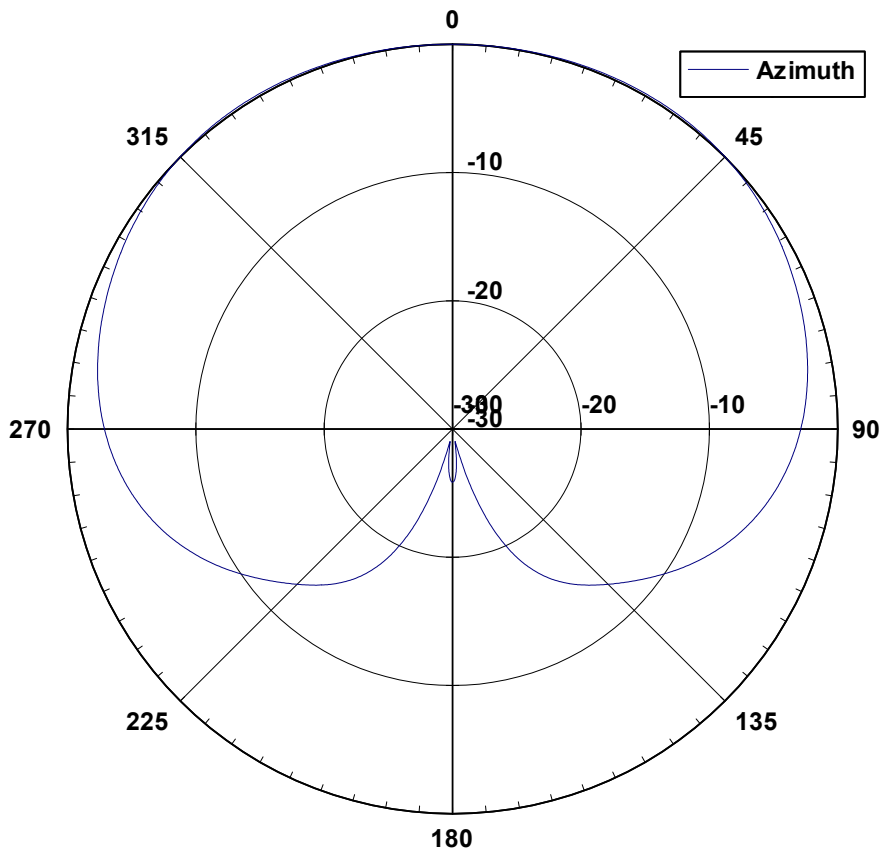
Mechanical Specifications

Length	49cm
Width	17cm
Depth	9 cm
Weight	1.4Kg
Windage(at 215kmph)	24kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

22 18015 Azimuth Pattern



22 18015 Elevation Pattern

