



Stella Doradus Ireland Ltd.

5.2GHz Base Station antenna Part No.: 52 18005



*The 52 18005 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	16dBi
3dB beam Pattern	180° x 5°
Bandwidth	5.1-5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	31dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

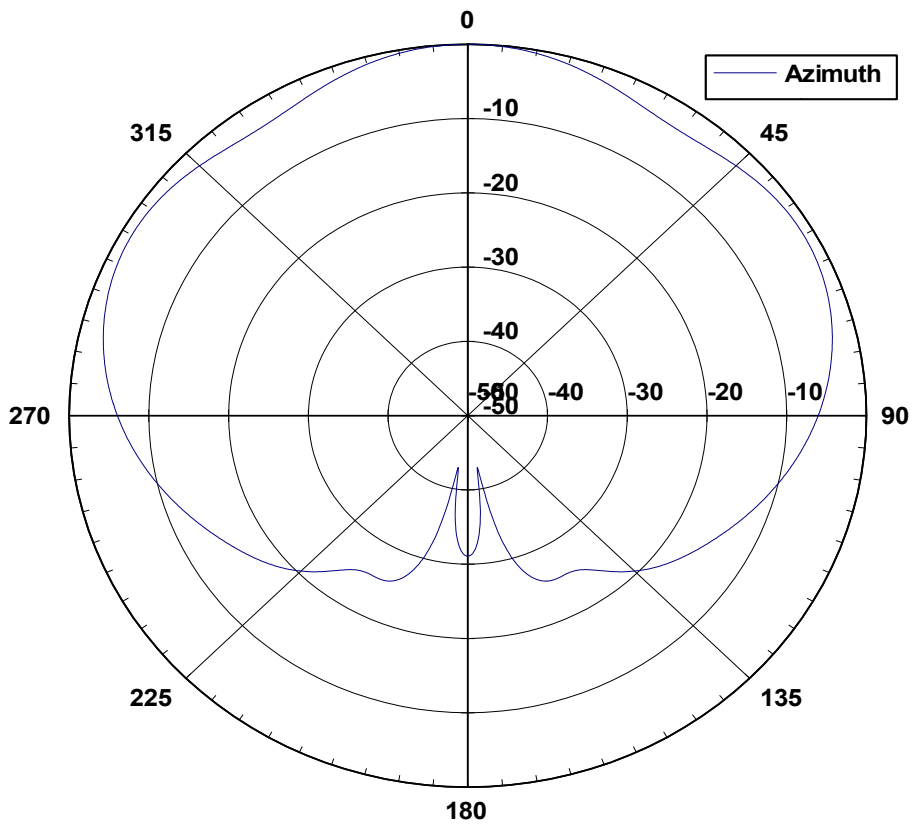
Mechanical Specifications

Length	70cm
Width	12.2cm
Depth	5.5 cm
Weight	0.7kg
Windage(at 215kmph)	24.6kg
Mechanical Tilt	0-7 degrees
Mounting Pipe	5cm pipe

Materials

Radiating Element	Beam forming PCB patch array
Radome (feed)	Steel + UV stabilized Polystyrene White
Clamps	HDG steel + stainless steel bolts

52 18005 Azimuth Pattern



52 18005 Elevation Pattern

