



Stella Doradus Ireland Ltd.

24 9008H 2.4GHz Base Station antenna



The 24 9008H 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	16.5dBi
3dB beam Pattern	90° x 8°
Bandwidth	2.4 -2.485GHz
VSWR	1.8 : 1
Front to Back Ratio	33dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	In Built

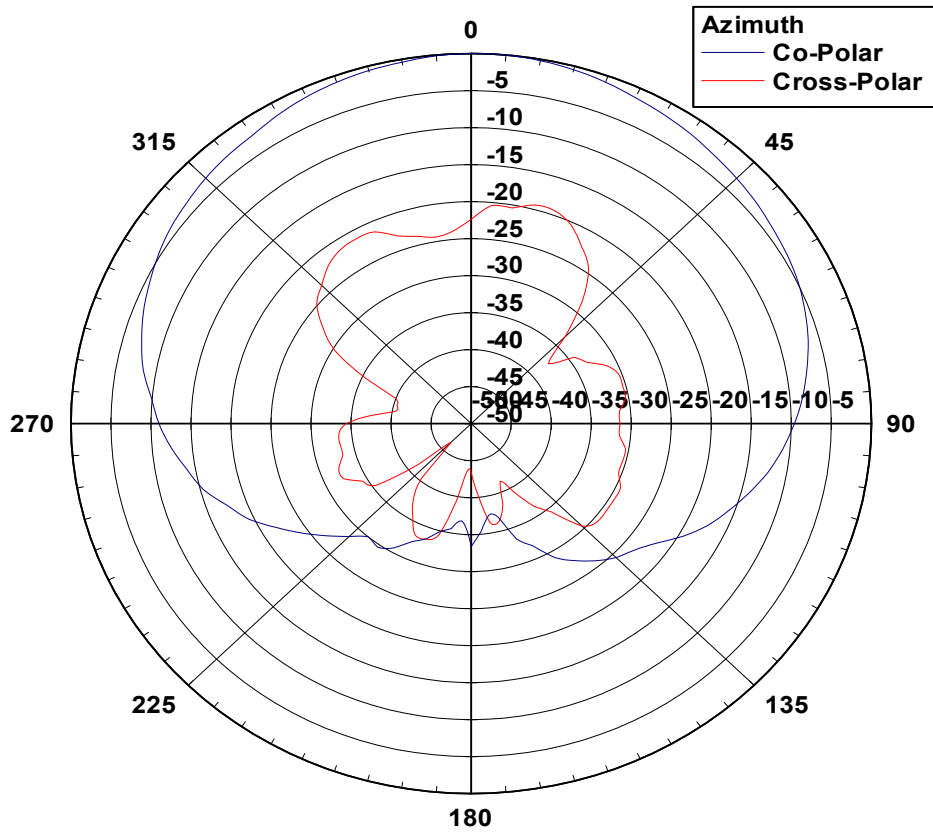
Mechanical Specifications

Length	100cm
Width	17cm
Depth	10 cm
Weight	2Kg
Windage(at 215km/h)	49kg
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

24 9008H Azimuth Pattern



24 9008H Elevation Pattern

