



Stella Doradus Ireland Ltd.

2.4GHz High Gain Base Station Part No.: 24 12005



The 24 12005 is a high gain base station antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these antennas.

Electrical Specification

Gain	18dBi
3dB beam Pattern	120° x 5°
Bandwidth	2.4-2.485GHz
VSWR	1.55 : 1
Front to Back Ratio	31dB
Polarization	Vertical
Power Rating	250W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	28dB min after 100 degrees

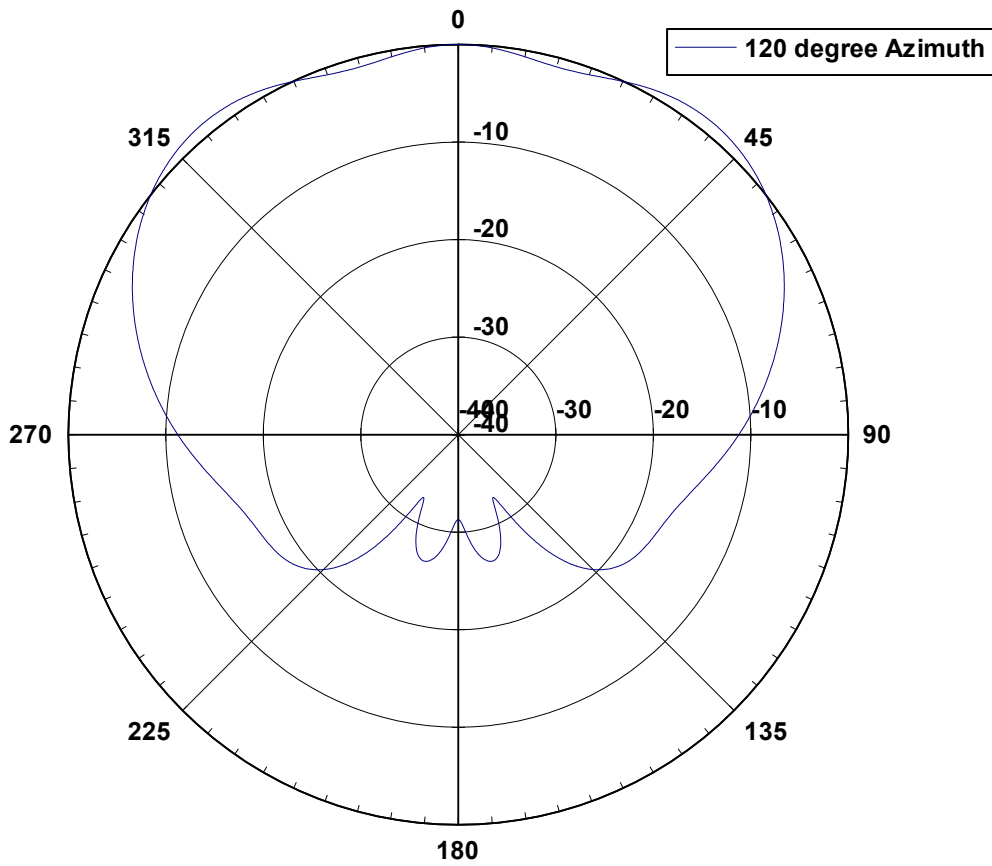
Mechanical Specifications

Length	160cm
Width	23cm
Depth	14cm
Weight	7.5Kg
Windage(at 125mph)	106kg (237lbs) front face on
Mechanical Tilt	0-10 degrees
Mounting Pipe	10 cm pipe

Materials

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

24 12005 Azimuth Pattern



24 12005 Elevation Pattern

