



Stella Doradus Ireland Ltd.

2.4GHz High Gain Base Station Part No.: 24 4510



*The 24 4510 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	19dBi
3dB beam Pattern	45° x 10°
Bandwidth	2.4-2.485GHz
VSWR	1.55 : 1
Front to Back Ratio	33.5dB
Polarization	Vertical
Power Rating	250W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	28dB min after 100 degrees

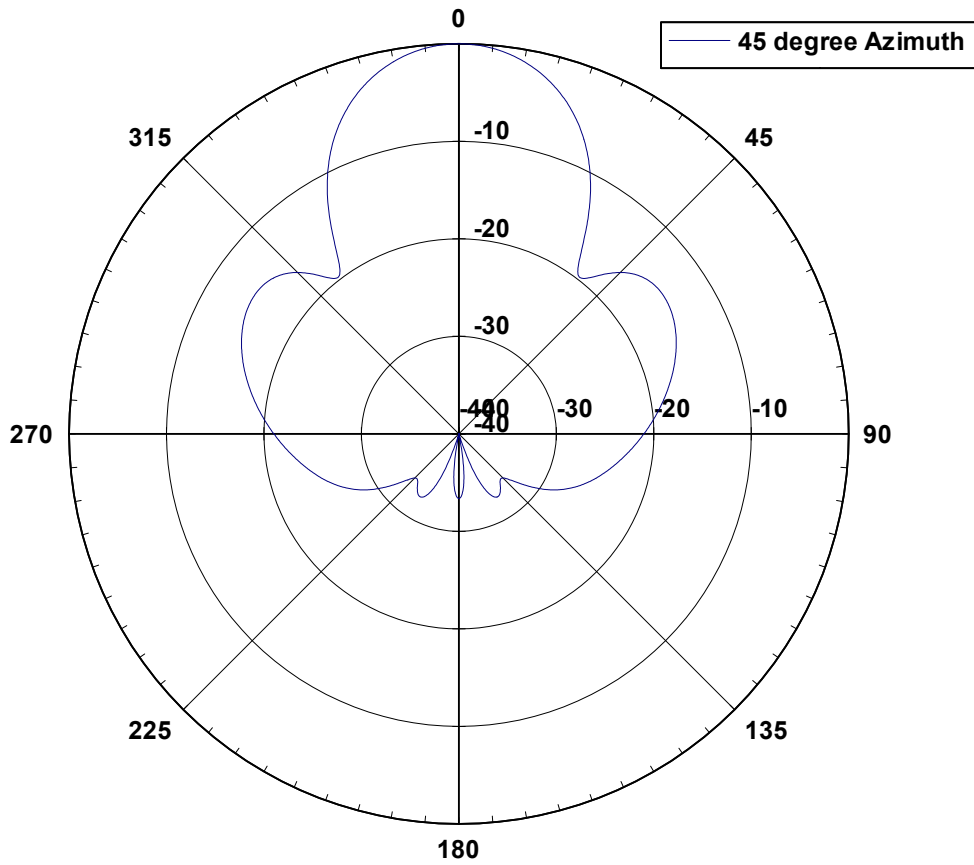
Mechanical Specifications

Length	110cm
Width	24cm
Depth	16cm
Weight	7.8Kg + brackets
Windage(at 125mph)	76kg (178lbs) 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 4510 Azimuth Pattern



24 4510 Elevation Pattern

