



Stella Doradus Ireland Ltd.

Cross polarized Wimax 4 port Base Station Antenna
Part No. 26 9008 XP XP MIMO
2.5 - 2.7GHz



*The 26 9008 XP XP MIMO 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		16.5dBi
3dB beam Pattern	Azimuth	90°
	Elevation	7.5°
Bandwidth		2.5 - 2.7GHz
Reflection		-13.5dB
Front to Back Ratio		31dB
Polarization		2 x Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		4 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB

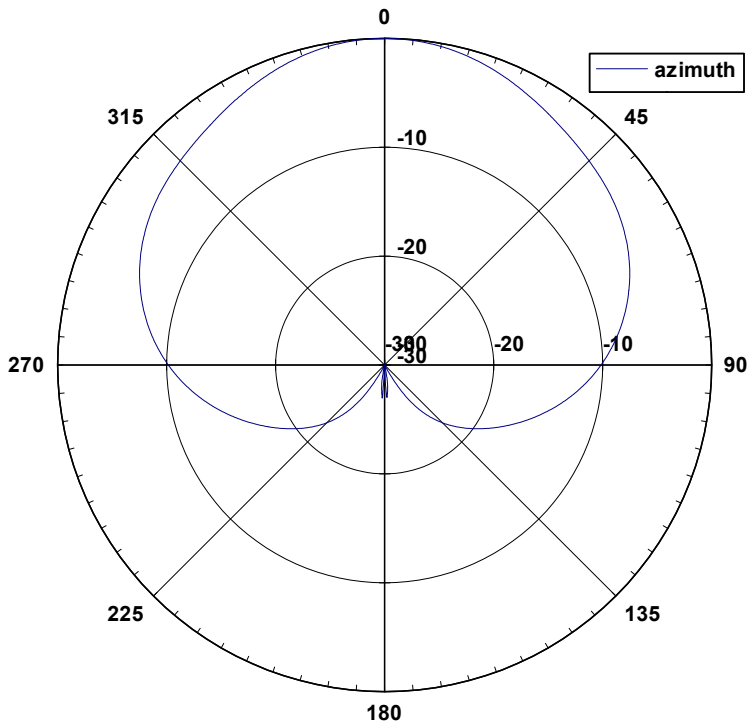
Mechanical Specifications

Length	91cm
Width	23.5cm
Depth	8.8 cm
Weight	3.5kg
Windage(at 200kmph)	61.5kg
Mechanical Tilt	0-7 degrees
Mounting Pipe	10cm pipe

Materials

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

26 9008 XP XP MIMO Azimuth Pattern 1 of 4 antennas



26 9008 XP XP MIMO Elevation Pattern

