



# Stella Doradus Ireland Ltd.

**Cross polarized Wimax 4 port Base Station Antenna**  
**Part No. 26 6008 XP XP MIMO**  
**2.5 - 2.7GHz**



*The 26 6008 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		18dBi
3dB beam Pattern	Azimuth	60°
	Elevation	7.5°
Bandwidth		2.5 - 2.7GHz
Reflection		-13.5dB
Front to Back Ratio		35dB
Polarization		2 x Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		4 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB

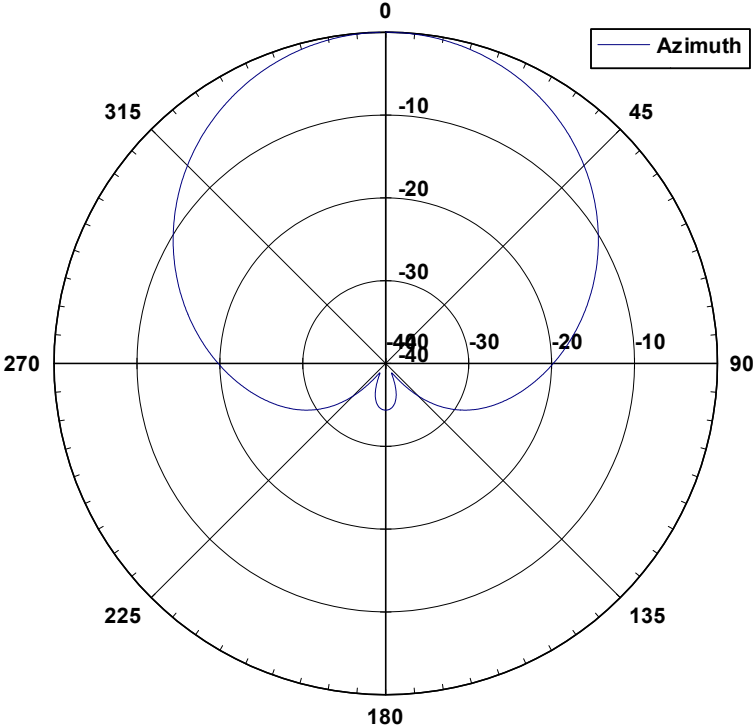
## Mechanical Specifications

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 6006 XP XP MIMO Azimuth Pattern 1 of 4 antennas



26 6008 XP XP MIMO Elevation Pattern

