



Stella Doradus Ireland Ltd.

Cross polarized Wimax Base Station Antennas
Part No. 26 6008 XP
2.5 - 2.7GHz



*The 26 6008 XP 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		-16.5dB
Front to Back Ratio		35dB
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		2 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB
Surge Protection		Built in

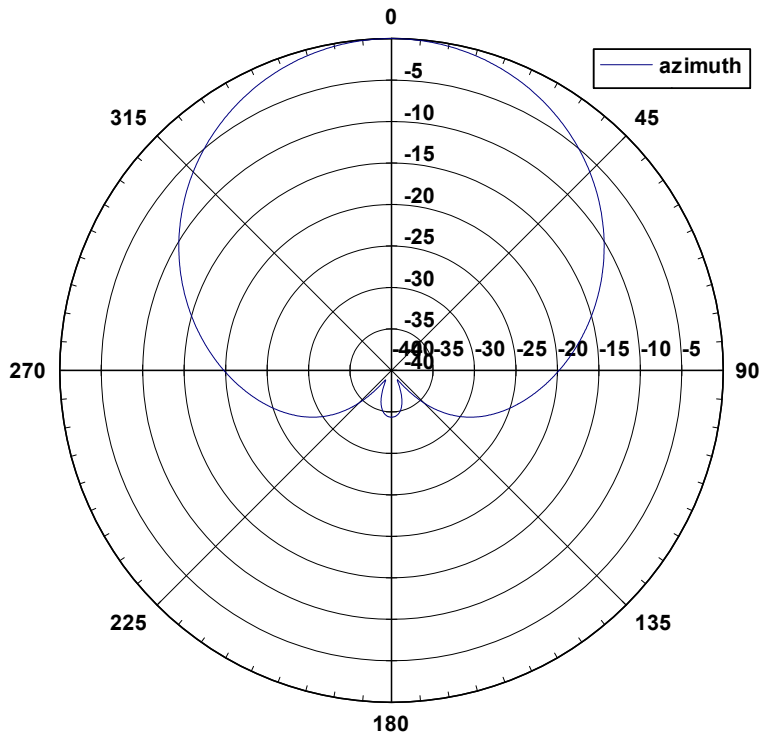
Mechanical Specifications

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 Azimuth Pattern



26 6008 XP Elevation Pattern

