



Stella Doradus Ireland Ltd.

Cross polarized Wimax 2 Port Base Station Antenna

Part No. 35 6008 XP

3.4 - 3.6GHz



The 35 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		3.4-3.6GHz
Reflection		-13.5dB
Front to Back Ratio		25dB
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		2 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB

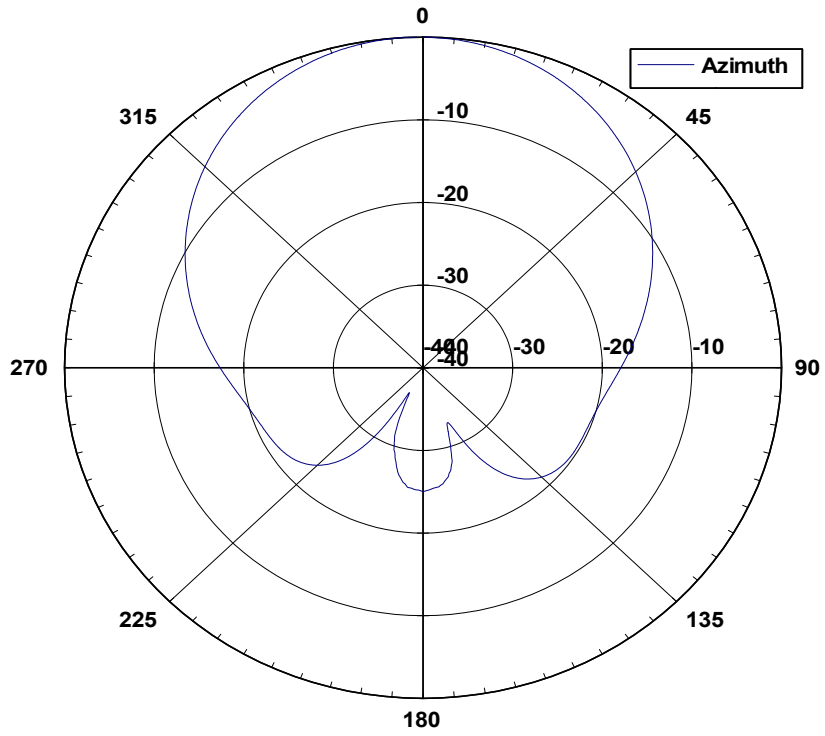
Mechanical Specifications

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 + White UV stabilised polystyrene
Clamps	HDG steel + stainless steel bolts

35 6008 XP Azimuth Pattern



35 6008 XP Elevation Pattern

