



Stella Doradus Ireland Ltd.

Cross polarized Wimax Base Station Antennas

Part No. 35 9015 XP
3.4-3.6GHz



*The 35 9015 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		13.5dBi
3dB beam Pattern	Azimuth	90°
	Elevation	15°
Bandwidth		3.4 - 3.6GHz
Reflection		-16.5dB
Front to Back Ratio		30dB
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		≤ -20dB

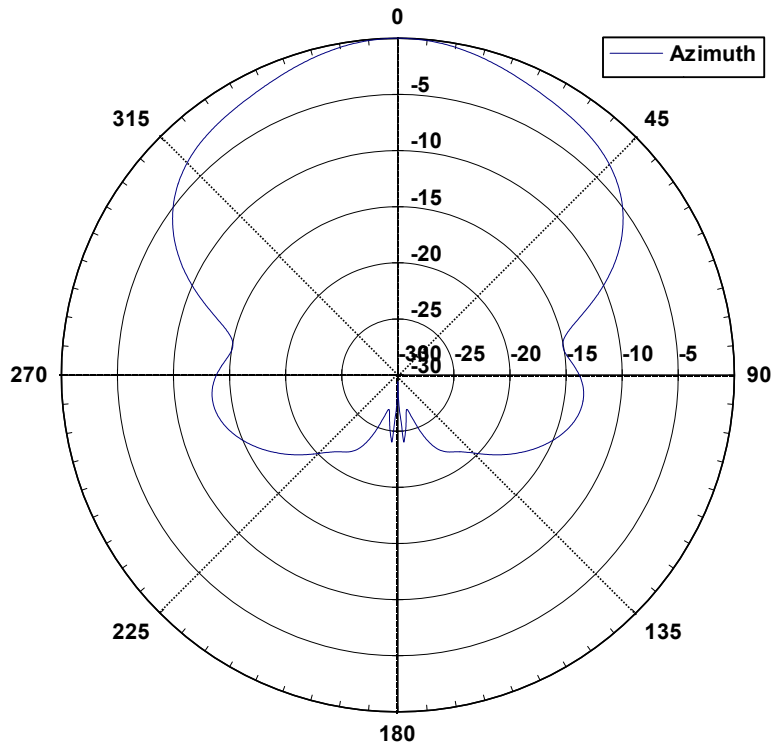
Mechanical Specifications

Length	43.5cm
Width	22.5cm
Depth	7.5cm
Weight (incl. brackets)	1.03kg
Windage(at 215km/h)	28.19kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	Beam forming PCB patch array
Radome	Aluminium + ABS Grey
Clamps	HDG steel + stainless steel bolts

Azimuth Pattern



Elevation Pattern

