



Stella Doradus Ireland Ltd.

Cross polarized Wimax Base Station Antennas

Part No. 35 6015 XP
3.4 - 3.6GHz



The 35 6015 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		15dBi
3dB beam Pattern	Azimuth	60°
	Elevation	15°
Bandwidth		3.4 - 3.6GHz
Reflection		-16.5dB
Front to Back Ratio		35dB
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		≤ -20dB

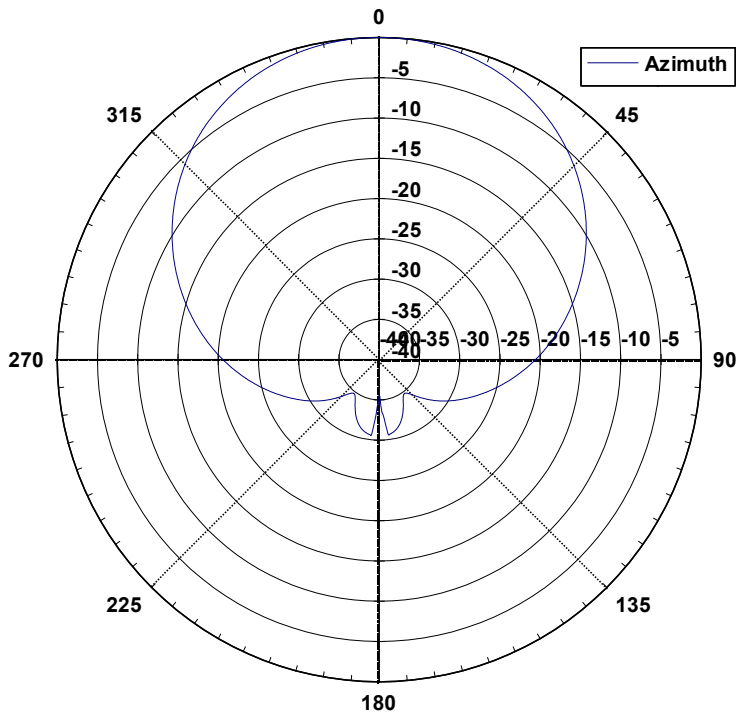
Mechanical Specifications

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

