



Stella Doradus Ireland Ltd.

Cross polarized Wimax MIMO 4 Port Base Station Antenna

Part No. 35 9015 XPXP-MIMO

3.4-3.6GHz



The 35 9015 XPXP-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		13.5dBi
3dB beam Pattern	Azimuth	90°
	Elevation	15°
Bandwidth		3.4 - 3.6GHz
Reflection		-13.5dB
Front to Back Ratio		25dB
Polarization		2 x Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		4 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB

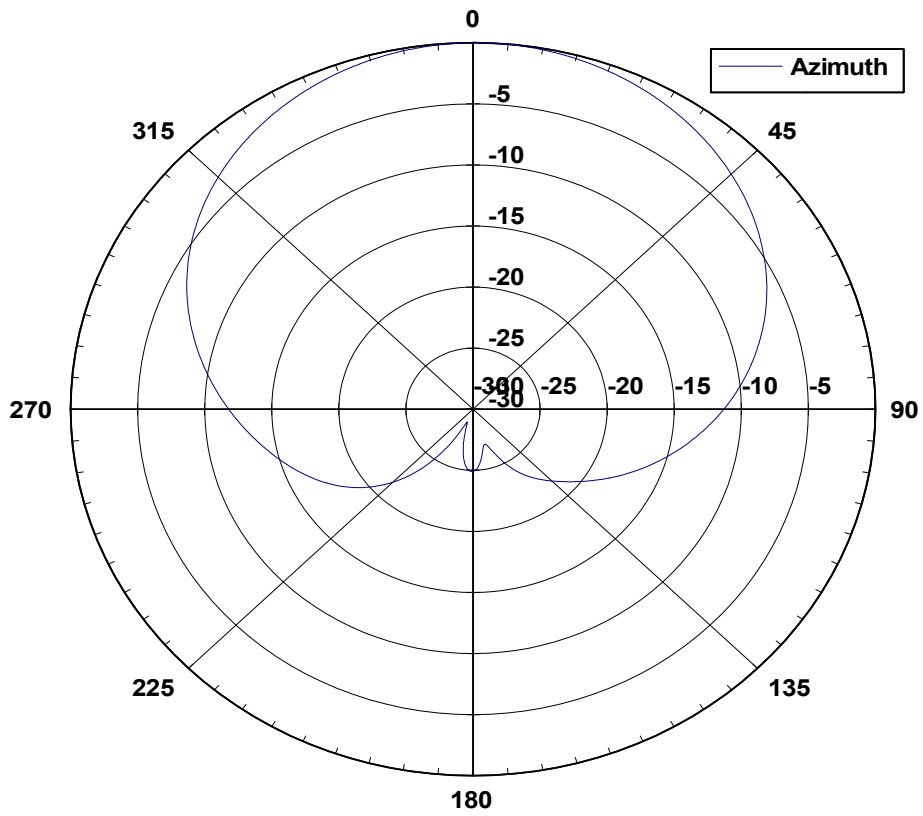
Mechanical Specifications

Length	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	Steel + White UV stabilised polystyrene
Clamps	HDG steel + zinc plated bolts

35 9015 XPXP-MIMO Azimuth Pattern 1 of 4 antennas



35 9015 XPXP-MIMO Elevation Pattern

