



Stella Doradus Ireland Ltd.

Cross polarized Wimax 4 Port Base Station Antenna

Part No. 26 6015 XP XP MIMO

2.5 - 2.7GHz



The 26 6015 XP XP 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		15dBi
3dB beam Pattern	Azimuth	60°
	Elevation	15°
Bandwidth		2.5 - 2.7GHz
Reflection		-13.5dB
Front to Back Ratio		37dB
Polarization		2 x Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		4 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB

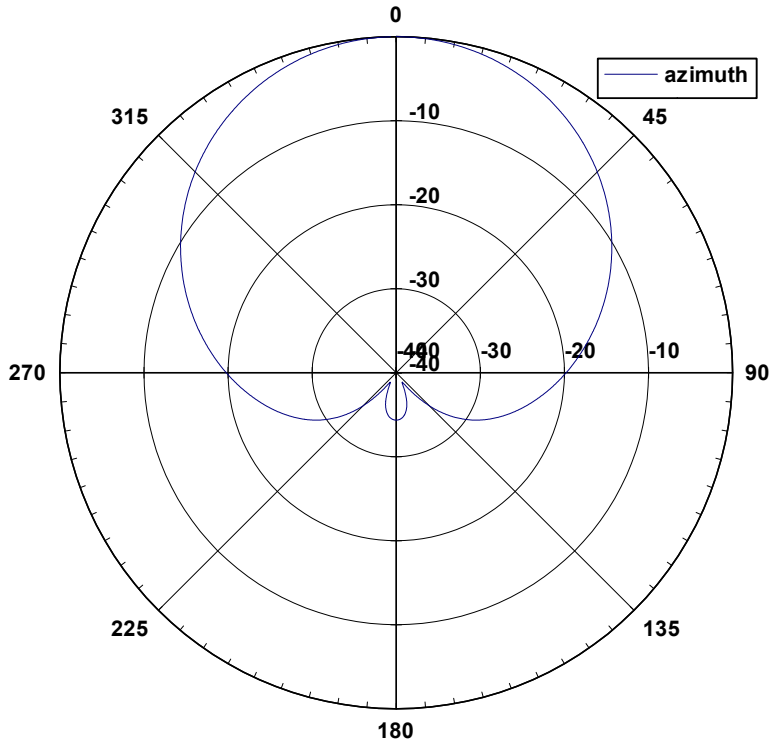
Mechanical Specifications

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 + UV stabilized Polystyrene White
Clamps	HDG steel + stainless steel bolts

26 6015 XP XP MIMO Azimuth Pattern 1 of 4 antennas



26 6015 XP XP MIMO Elevation Pattern

