



Stella Doradus Ireland Ltd.

Cross polarized Wimax Base Station Antennas Part No 26 9015 XP 2.5 - 2.7GHz



The 26 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		2.5 - 2.7GHz
Reflection		-16.5dB
Front to Back Ratio		34B
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		≤ -20dB
Surge Protection		Built in

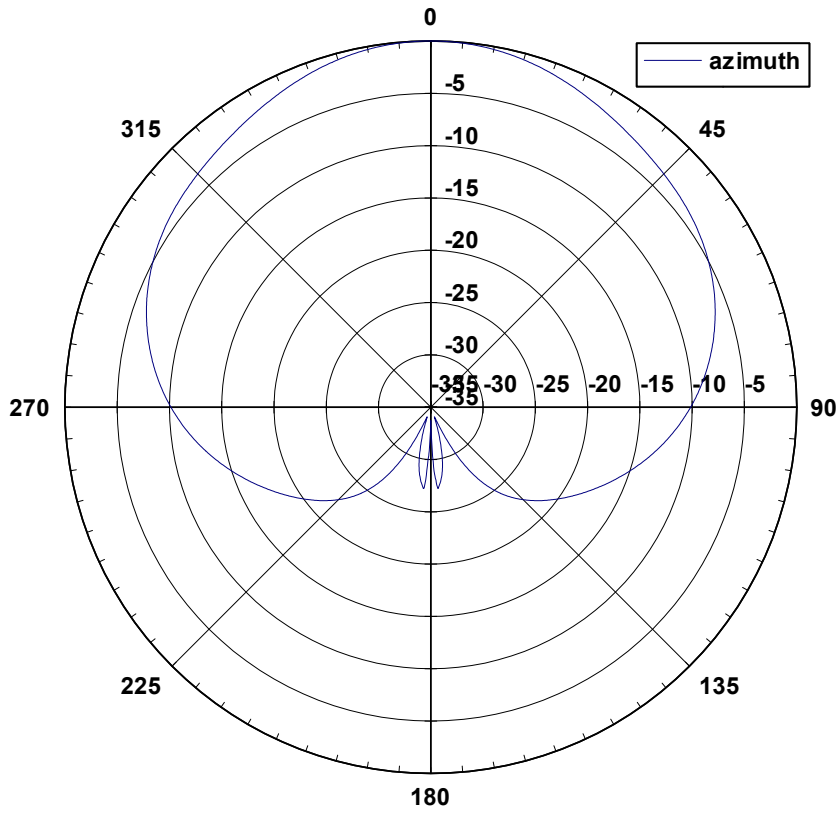
Mechanical Specifications

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

26 9015 XP Azimuth Pattern



26 9015 XP Elevation Pattern

