



Stella Doradus Ireland Ltd.

Cross polarized Wimax Base Station Antennas Part No. 26 12008 XP 2.5 - 2.7GHz



The 26 12008 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	120°
	Elevation	7.5°
Bandwidth		2.5 - 2.7GHz
Reflection		-16.5dB
Front to Back Ratio		31dB
Polarization		Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		Fixed N- female
Cross Pol. Discrimination		≤ -20dB
Surge Protection		Built in

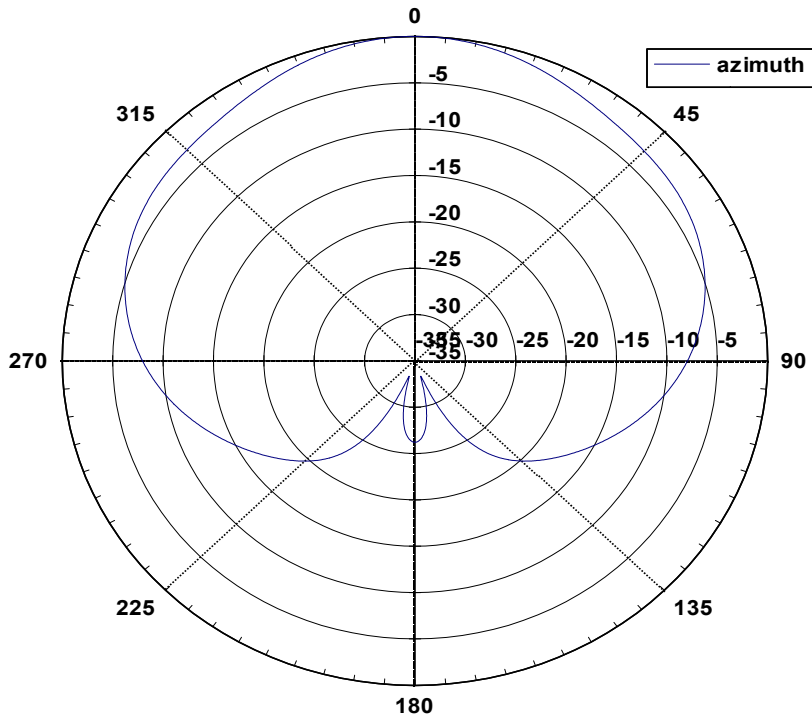
Mechanical Specifications

Length	90cm
Width	19cm
Depth	7 cm
Weight	3.5kg
Windage(at 200kmph)	48kg front face on
Mechanical Tilt	0-7 degrees
Mounting Pipe	10cm pipe

Materials

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

26 12008 XP Azimuth Pattern



26 12008 XP Elevation Pattern

