



# Stella Doradus Ireland Ltd.

## 56 12004 5.6GHz Base Station antenna



*The 56 12004 is a base station point to point antenna designed for use in high density RF environments  
The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specifications

Gain	18dBi
3dB beam Pattern	120° x 4°
Bandwidth	5.4 - 5.7GHz
VSWR	1.8 : 1
Front to Back Ratio	30dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB

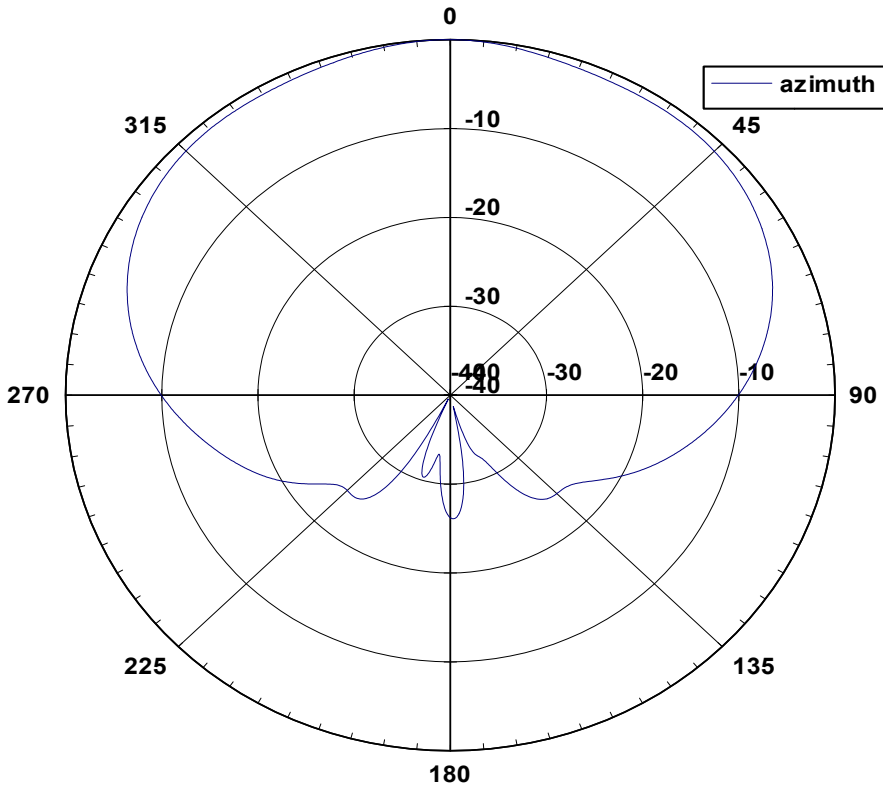
### Mechanical Specifications

Length	100cm
Width	17cm
Depth	10cm
Weight	2.0kg
Windage(at 215km/h)	49kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 -10 cm pipe

### Materials

Radiating Element	Beam forming PCB patch array
Radome ( feed )	ABS Grey
Clamps	HDG steel + galvanised steel bolts

56 12004 Azimuth Pattern



56 12005 Elevation Pattern

