



# Stella Doradus Ireland Ltd.

## 5.8GHz Base Station antenna

Part No.: 58 9010



*The 58 9010 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	15.5dBi
3dB beam Pattern	90° x 8°
Bandwidth	5.75 - 5.85GHz
VSWR	1.8 : 1
Front to Back Ratio	28dBi
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

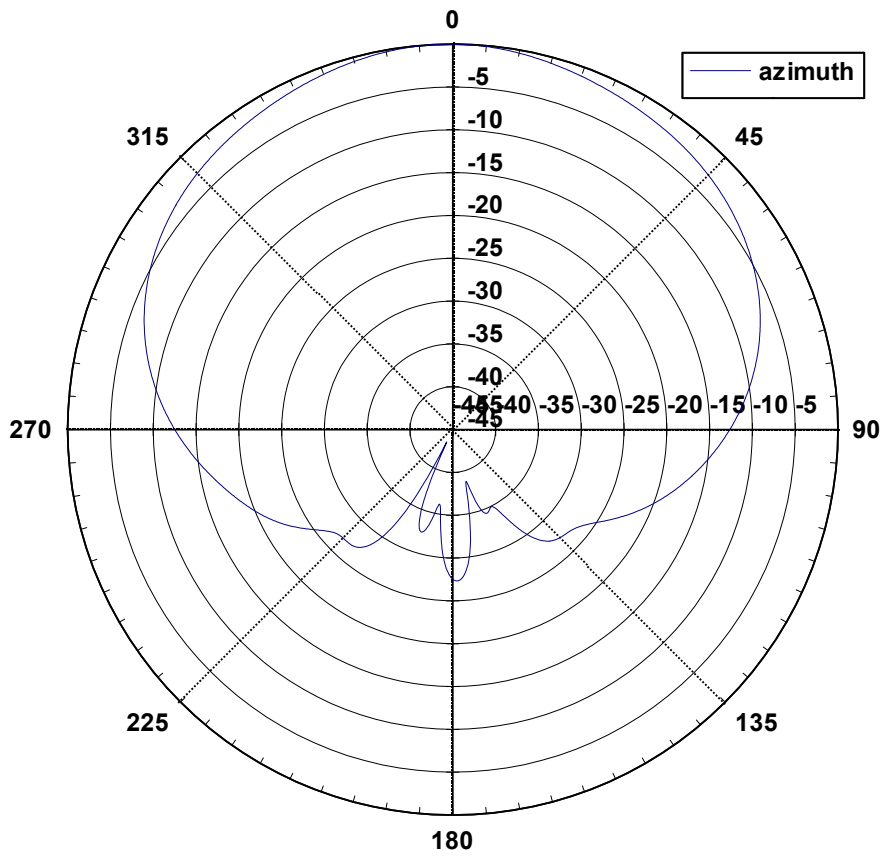
### Mechanical Specifications

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 ( feed )	ABS White
Clamps	HDG steel + zinc plated bolts

58 9010 Azimuth Pattern



58 9010 Elevation Pattern

