



# Stella Doradus Ireland Ltd.

## 56 1010 5.6GHz Planar Antenna



*The 56 1010 is an indoor or outdoor pole mounted antenna.*

*Adjustable elevation or horizontal tilt are available*

*The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specification

Gain	26.5dBi
3dB beam Pattern	7° x 7°
Bandwidth	5.4-5.7GHz
VSWR	1.4 : 1
Front to Back Ratio	31dBi
Polarization	Horizontal / Vertical
Power Rating	100W
Impedance	50 ohms
Termination	Fixed N-female
Cross Pol. Discrimination	20dBi

### Mechanical Specifications

Length	45cm
Width	45cm
Depth	5cm
Weight	2.5kg
Windage(at 215kmph)	87kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

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

