



# Stella Doradus Ireland Ltd.

## 2452 90-9010 2.4 & 5.2GHz Dual Band Base Station



*The 2452 90-9010 is a dual band 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

	<b>2.4GHz</b>	<b>5.2GHz</b>
Gain	13.5dBi	15.5dBi
3dB beam Pattern	90° x 15°	90° x 8°
Bandwidth	2.4-2.485GHz	5.1 - 5.3GHz
VSWR	1.4 : 1	1.4 : 1
Front to Back Ratio	40dBi	28dBi
Polarization	Vertical	Vertical
Power Rating	100W	100W
Impedance	50 ohms	50 ohms
Termination	N-female	N-female
Cross Pol. Discrimination	22dBi	20dBi

### Mechanical Specifications

Length	100cm
Width	17cm
Depth	10 cm
Weight	2Kg
Windage(at 215kmph)	35kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe
<b>Materials</b>	
Radiating Element	Beam forming PCB patch array
Radome ( feed )	ABS Grey
Clamps	HDG steel + galvanised steel bolts

