



Stella Doradus Ireland Ltd.

2452 120-12010 2.4 & 5.2GHz Dual Band Base Station



The 2452 120-12010 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

	2.4GHz	5.2GHz
Gain	12dBi	14dBi
3dB beam Pattern	120° x 15°	120° x 8°
Bandwidth	2.4-2.485GHz	5.1 - 5.3GHz
VSWR	1.4 : 1	1.4 : 1
Front to Back Ratio	30dBi	28dBi
Polarization	Vertical	Vertical
Power Rating	100W	100W
Impedance	50 ohms	50 ohms
Termination	N-female	N-female
Cross Pol. Discrimination	22dBi	22dBi

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

