



Stella Doradus Ireland Ltd.

12010V 5.8Ghz Base Station antenna



The 12010V 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 well priced antennas. This family of antennas is designed for high wind harsh environments.

Electrical Specification

Gain	13dBi
3dB beam Pattern	120° x 15°
Bandwidth	5.75-5.85Ghz
VSWR	1.4 : 1
Front to Back Ratio	30dB
Polarization	vertical
Power Rating	100W
Impedance	50 ohms
Termination	N-Male pigtail
Cross Pol. Discrimination	25dB

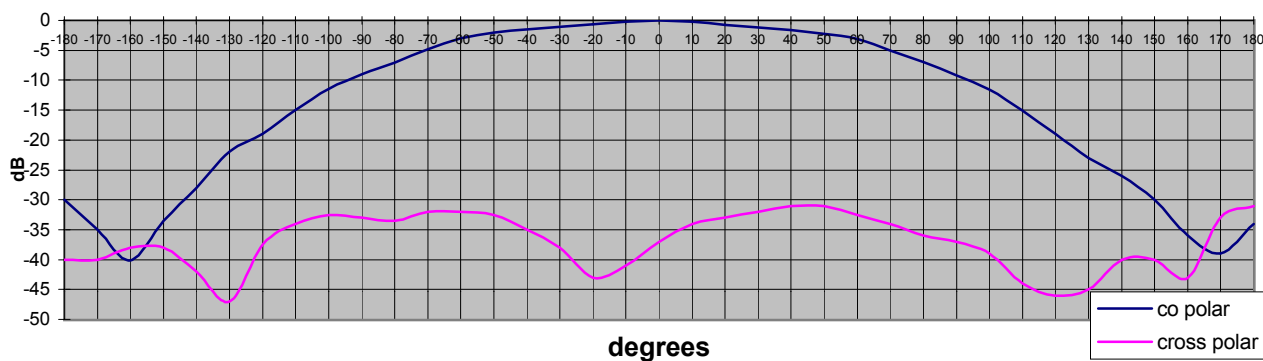
Mechanical Specifications

Length	49cm
Width	17cm
Depth	9 cm
Weigth	2.1Kg
Windage(at 125mph)	53lbs
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

5.8Ghz 12010V base station antenna Azimuth



5.8Ghz 12010 Base Station Antenna Elevation

