



Stella Doradus Ireland Ltd.

2.2GHz 180 degree Base Station antenna Part No.: 22 18005



*The 22 18005 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	16dBi
3dB beam Pattern	180° x 5°
Bandwidth	2.1-2.3GHz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

Mechanical Specifications

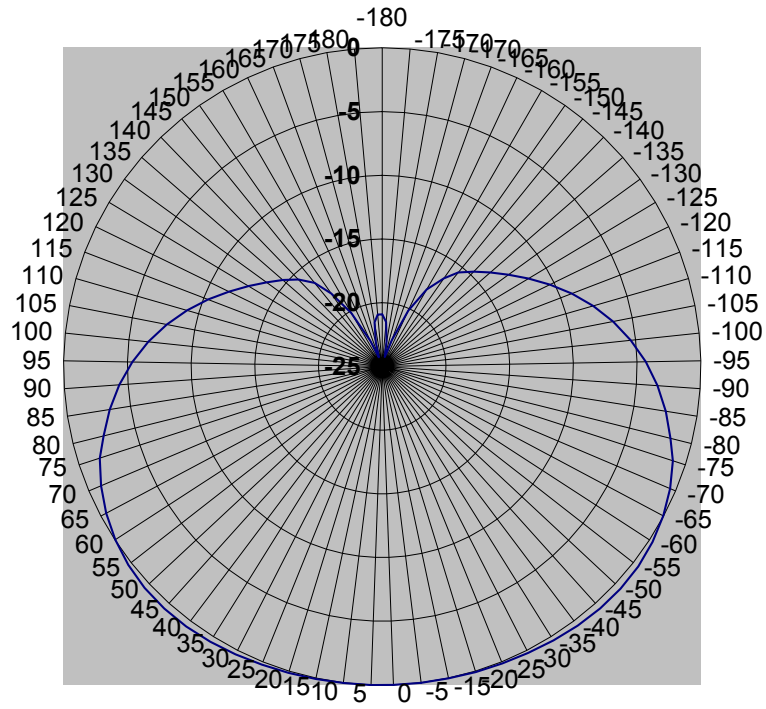
Length	160cm
Width	23cm
Depth	14 cm
Weight	20Kg
Windage(at 215kmph)	106kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	11 cm pipe max

Materials

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

22 18005 16dBi Base Station Azimuth Pattern

— Co-Polar



22 18005 16dBi Base Station -30 to +30 degrees

— elevation

