



Stella Doradus Ireland Ltd.

2.4GHz 8080H OB Planar Antenna



The 24 8080H OB is an indoor or outdoor pole mounted antenna.

Optional adjustable elevation or horizontal tilt are available

This aesthetically pleasing, professional outdoor box requires no silicon seal.

With room for integrating your own radio unit within the box, a range of pigtails are available with different connectors for connection from the antenna to the radio unit.

Back plate can be removed many times for inspection of internal electronics

The excellent radiation characteristics are the distinguishing features of these antennas

Electrical Specification

Gain	9dBi
3dB beam Pattern	75° x 50°
Bandwidth	2.4-2.485Ghz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Pigtail of your choice included
Cross Pol. Discrimination	-20dB after 55 deg
Surge Protection	Built in

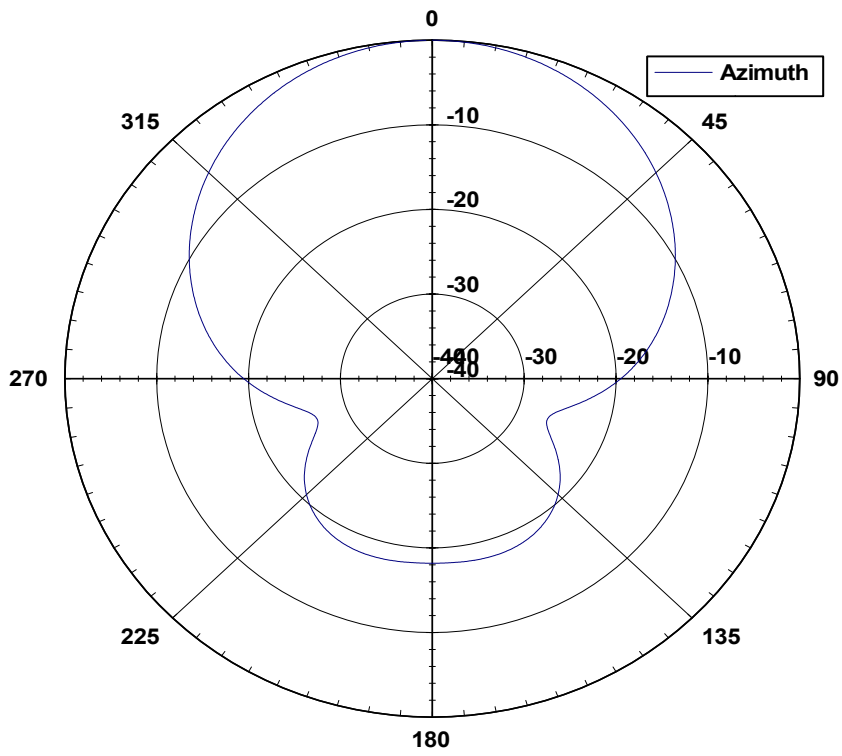
Mechanical Specifications

Length	30cm
Width	26cm
Depth	6cm
Weight	2Kg
Windage(at 215kmph)	23.7kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	PCB patch array
Radome (feed)	UV stabilized Polystyrene White
Clamps	HDG steel + galvanised steel bolts

24 8080H OB Azimuth Pattern



24 8080H OB Elevation Pattern

