



Stella Doradus Ireland Ltd.

24 9010 2.4GHz High Gain Base Station



The 24 9010 is a high gain base station antenna designed for use in high density RF environments.

The excellent radiation characteristics are the distinguishing features of these antennas.

Electrical Specification

Gain	16dBi
3dB beam Pattern	90° x 10°
Bandwidth	2.4-2.485GHz
VSWR	1.4 : 1
Front to Back Ratio	34dB
Polarization	Vertical/ Horizontal
Power Rating	100W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	28dB min after 100 degrees

Mechanical Specifications

Length	110cm
Width	24cm
Depth	16cm
Weight	7.8Kg + brackets
Windage(at 125mph)	76kg (178lbs) front face on
Mechanical Tilt	0-10 degrees
Mounting Pipe	5 cm pipe

Materials

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

