



Stella Doradus Ireland Ltd.

9004 5.6GHz Base Station antenna



*The 56 9004 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	19.5dBi
3dB beam Pattern	90° x 4°
Bandwidth	5.4 - 5.7GHz
VSWR	1.4 : 1
Front to Back Ratio	29.85dB
Polarization	Vertical
Power Rating	100W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB

Mechanical Specifications

Length	150cm
Width	17cm
Depth	10cm
Weight	3.0kg
Windage(at 135mph)	110kg
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

