



Stella Doradus Ireland Ltd.

14SD27 1.4GHz Parabolic antenna



The 14SD27 is a high gain 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 grid antennas is designed for high wind harsh environments.

Electrical Specification

Gain	19dBi
Bandwidth	1.35-1.55Ghz
VSWR	1.8 : 1
Front to Back Ratio	32dB
Polarization	Vertical / Horizontal
Power Rating	50W
H-plane Beamwidth	10 degrees
E- Plane Beamwidth	10 degrees
Cross Pol. Discrimination	28dB
Impedance	50 ohms
Termination	N-Male pigtail

Mechanical Specifications

Length	90cm
Width	90cm
Weight	3.7kg
Windage(at 125mph)	591 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe
Materials	
Radiating Element	PCB Dipole
Radome (feed)	UV stabilized Polystyrene
Clamps	HDG steel + galvanised steel bolts

