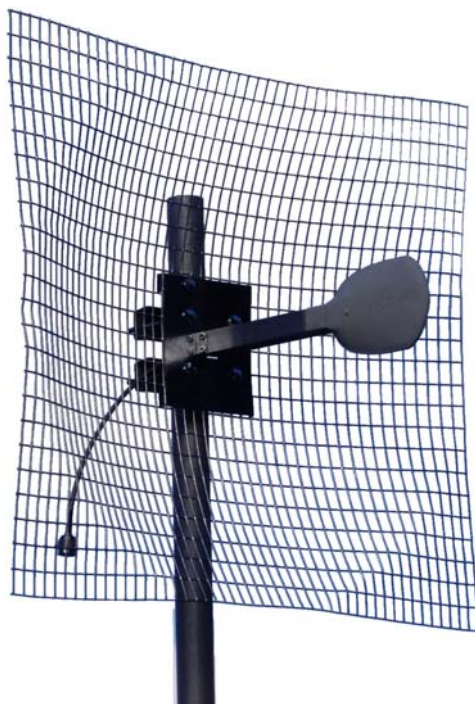




Stella Doradus Ireland Ltd.

4.4 - 5.2GHz Parabolic antenna

Part No.: 49 SD19



The 49 SD19 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	23dBi
Bandwidth	4.4-5.2GHz
VSWR	1.8 : 1
Beamwidth	7.5 degrees
Front to Back Ratio	34dBi
Polarization	vertical / horizontal
Power Rating	100W
Cross Pol. Discrimination	38dBi min after 100 degrees
Impedance	50 ohms
Termination	Fixed N- male

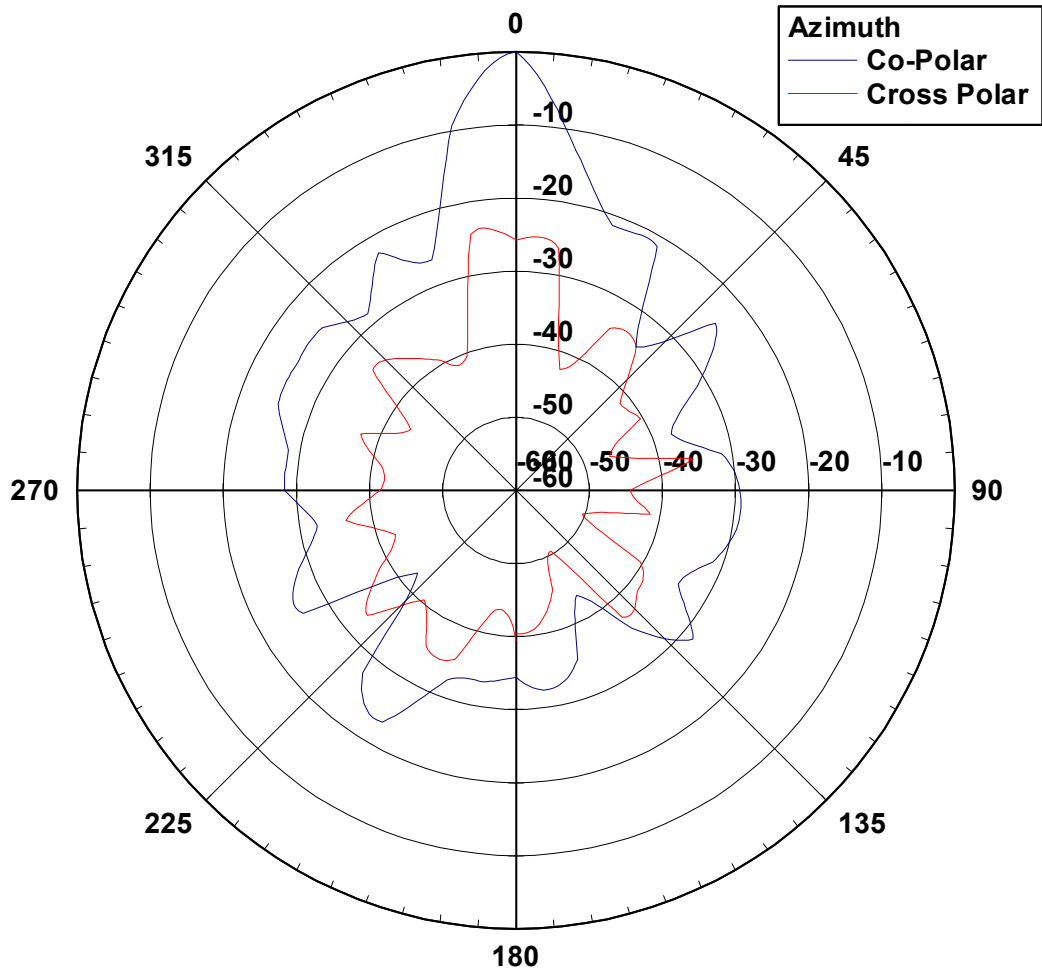
Mechanical Specifications

Length	51cm
Width	51cm
Weight	2kg
Windage(at 216kmph)	301 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

Radiating Element	PCB Dipole
Radome (feed)	ABS White
Clamps	HDG steel + zinc plated bolts

49 SD19 Azimuth Pattern



49 SD19 Elevation Pattern

