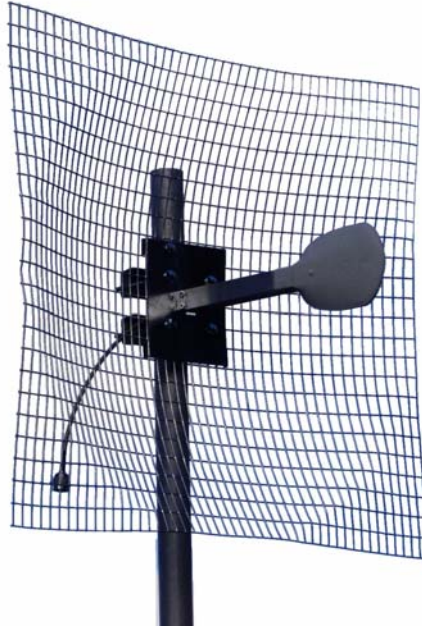




Stella Doradus Ireland Ltd.

1.8GHz Parabolic antenna

Part No. 19 SD21



The 19 SD21 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	17.5dBi
Bandwidth	1.7-1.9 GHz
3dB beam Pattern	15° x 15°
VSWR	1.4 : 1
Front to Back Ratio	24dB
Cross Polar Ratio	24dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

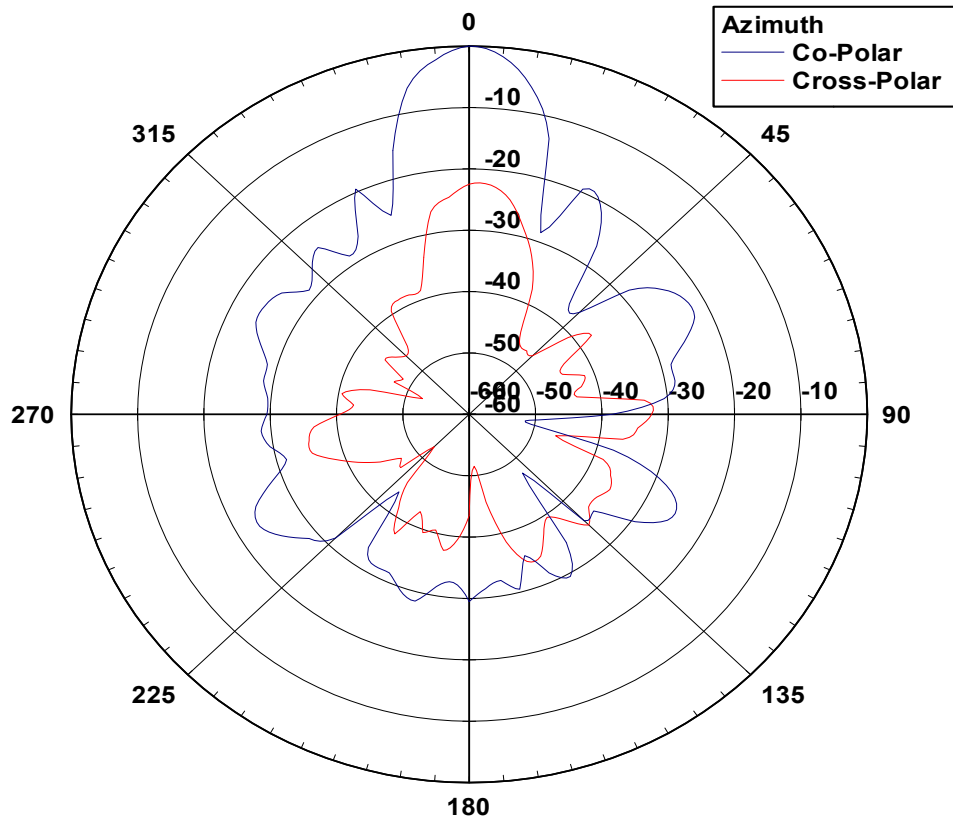
Mechanical Specifications

Length	61 cm
Width	61cm
Weight (incl. brackets)	2.4kg
Windage(at 216kmph)	376 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

19 SD21 Azimuth Pattern



19 SD21 Elevation Pattern

