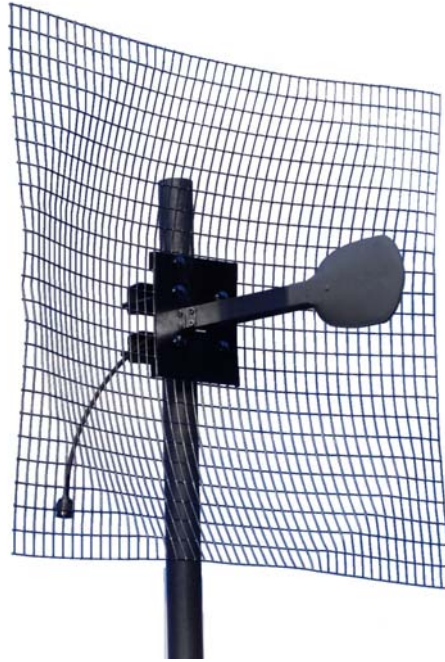




Stella Doradus Ireland Ltd.

1.8GHz Parabolic antenna

Part No.: 19 SD30



The 19 SD30 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	22dBi
Bandwidth	1.7-1.9GHz
3dB beam Pattern	9° x 9°
VSWR	1.4 : 1
Front to Back Ratio	29dB
Cross Polar Ratio	34dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

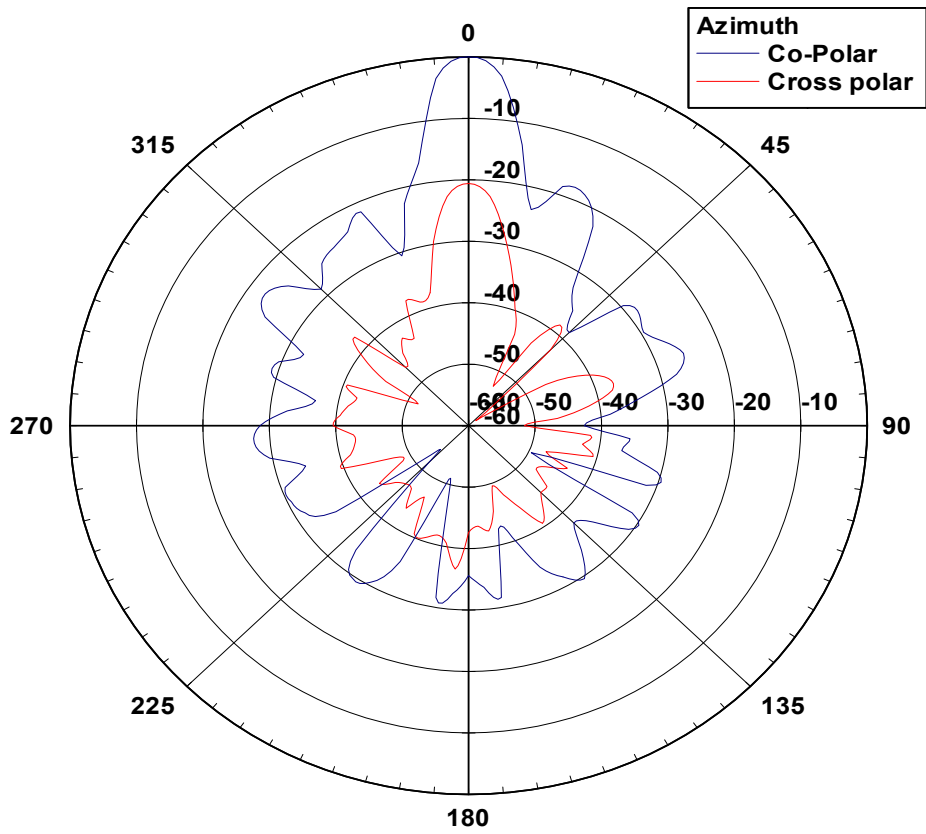
Mechanical Specifications

Length	120cm
Width	120cm
Depth	70cm
Weight (incl. brackets)	13.2kg
Windage(at 216kph)	1050 N
Mechanical Tilt	0-10 degrees
Mounting Pipe	10 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

