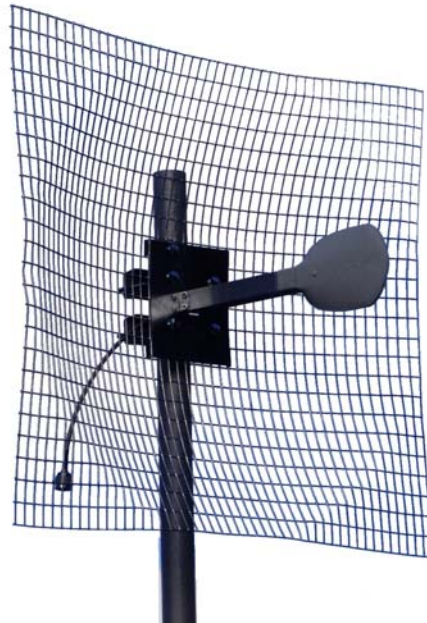




Stella Doradus Ireland Ltd.

1.9GHz Parabolic antenna

Part No.: 19 SD19



The 19 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	16dBi
Bandwidth	1.7-1.9 GHz
3dB beam Pattern	18° x 18°
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

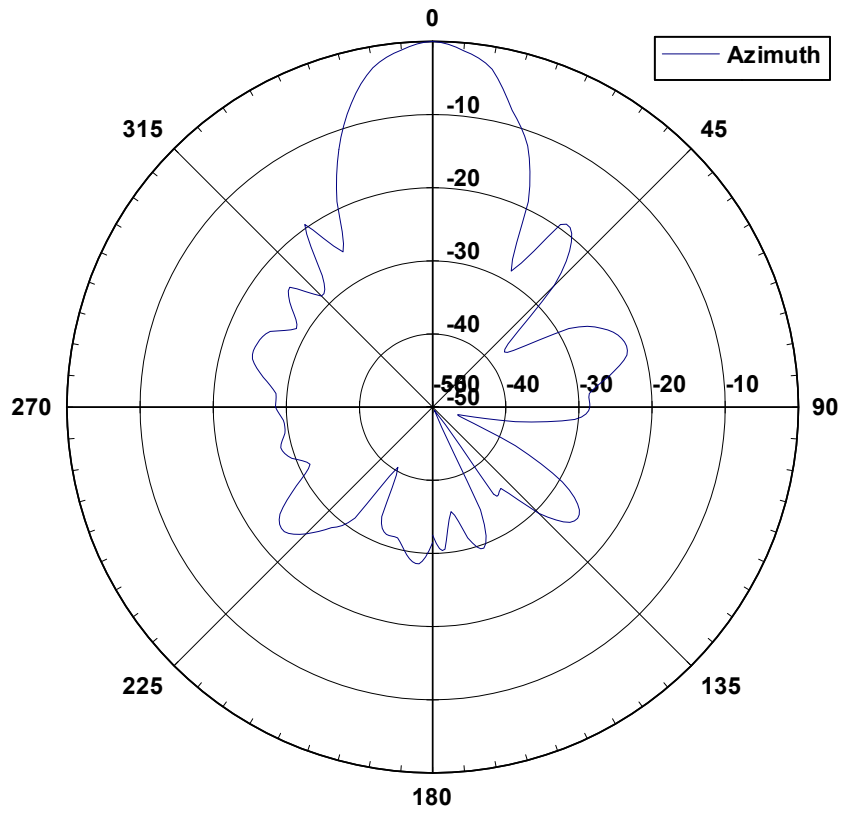
Mechanical Specifications

Length	51 cm
Width	51 cm
Weight (incl. brackets)	1.75kg
Windage(at 216kmph)	301 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 SD19 Azimuth Pattern



19 SD19 Elevation Pattern

