



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



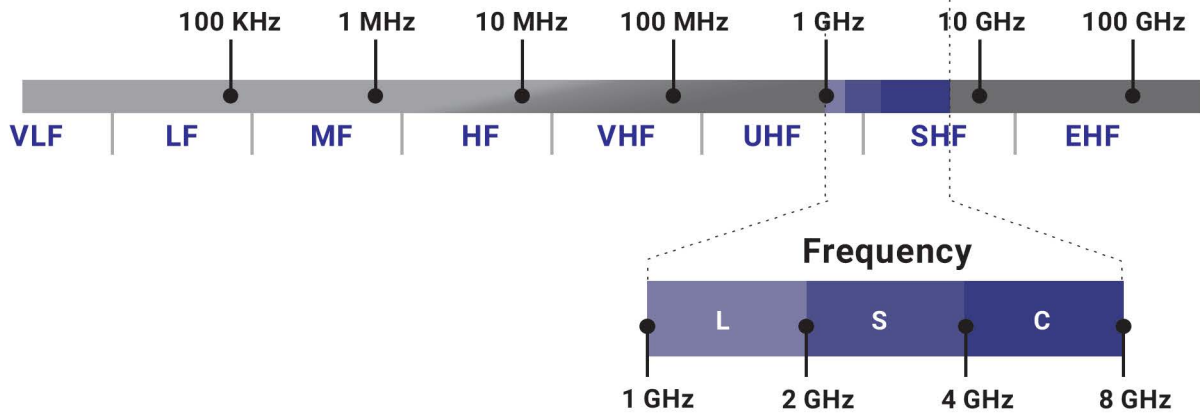
## Bi-Conical Antenna

1 to 8 GHz

Part Number: **BC-1-8-SL-NF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

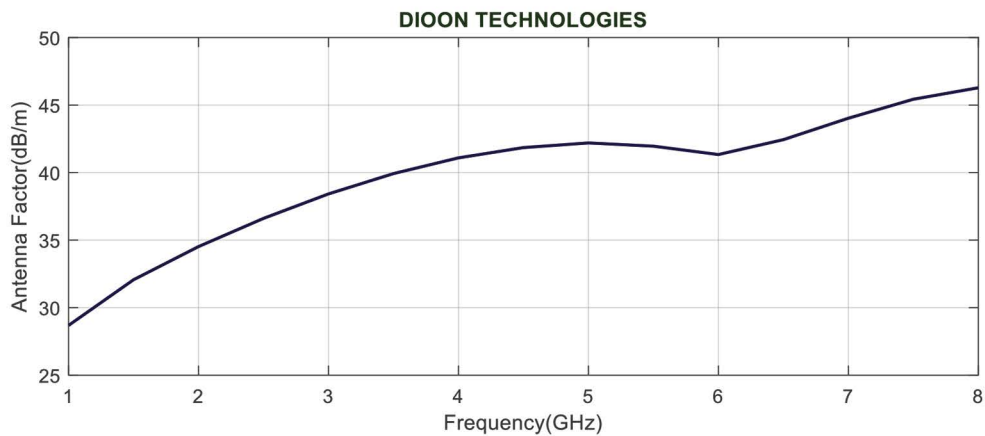
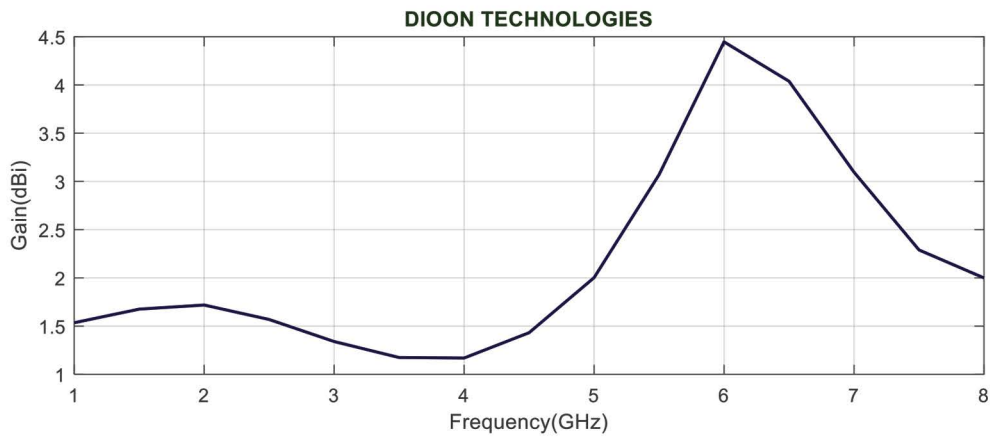


	<b>Gain</b>	Typically 1 ~ 4.5 dBi
	<b>Power Handling</b>	200 Watts c. w.
	<b>VSWR</b>	Typically <2.4:1
	<b>Polarization</b>	Single Linear
	<b>Connector Type</b>	N Type Female
	<b>Weight</b>	≈ 2 kg
	<b>Approximate Size</b>	≈ 60 mm × 60 mm × 80 mm
	<b>Construction</b>	Aluminum, Painted

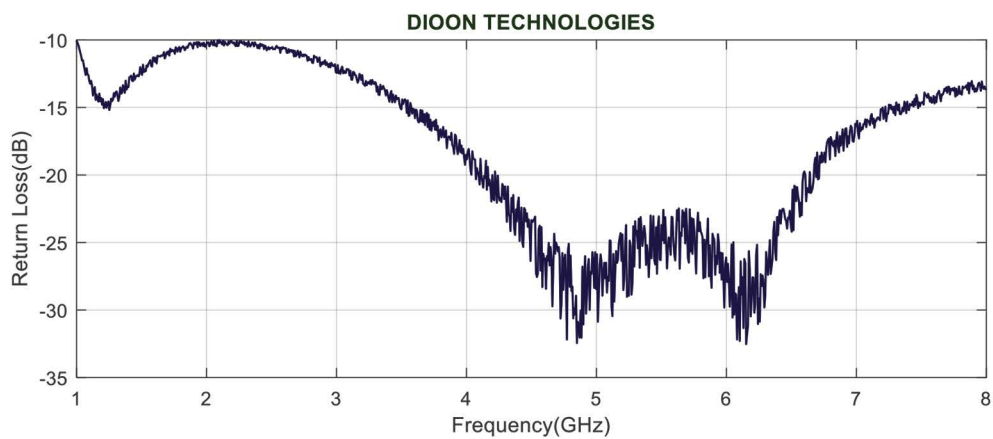


## Typical Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.

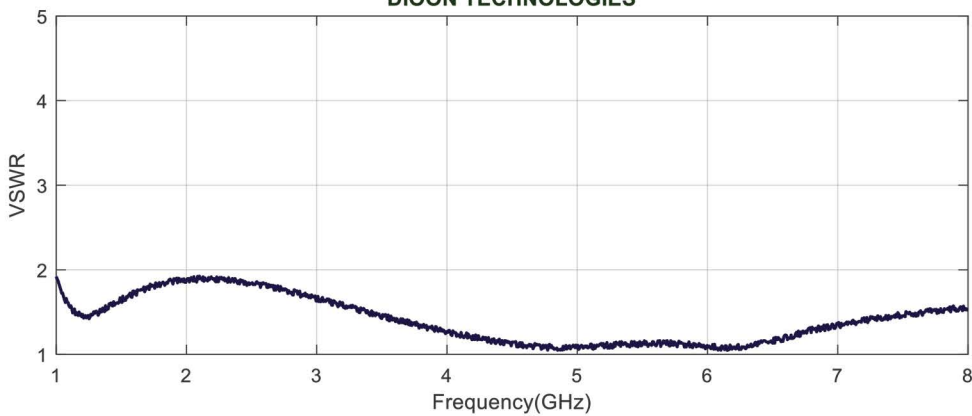


## Typical Antenna Return Loss / VSWR



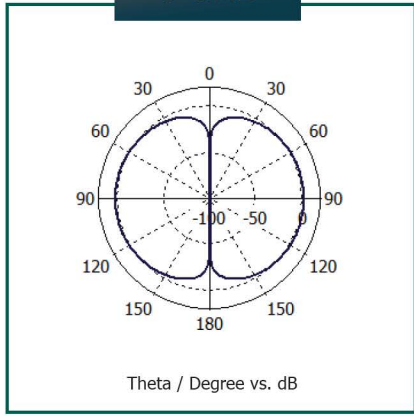


### DIOON TECHNOLOGIES

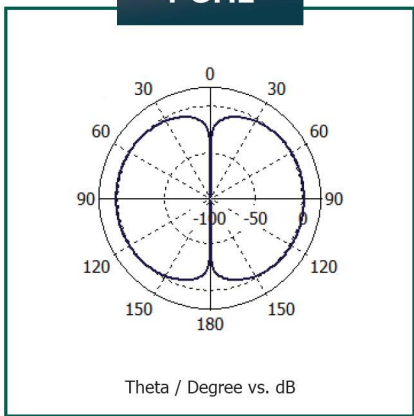


## Farfield Directivity Abs (Phi= 90)

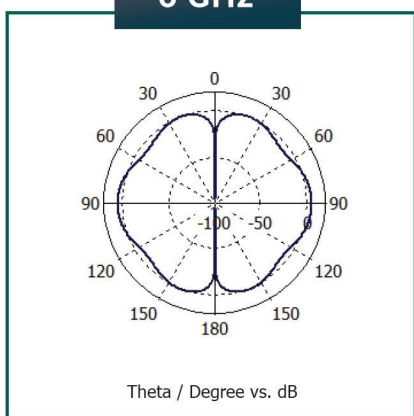
1 GHz



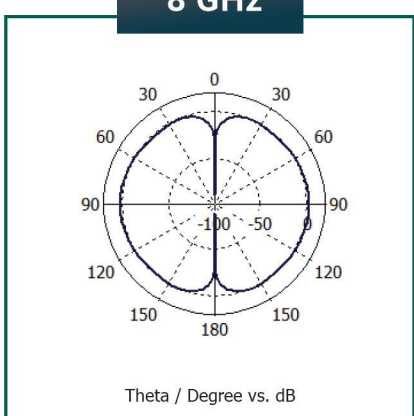
4 GHz



6 GHz



8 GHz



TECHNOLOGIES  
Phone: +1(949)508 0037  
Email: Sales@dioon.us

**DIOON TECHNOLOGIES**  
**WWW.DIOON.US**  
The Advanced Way

United States Office  
660 Wald, Irvine, CA92618