



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



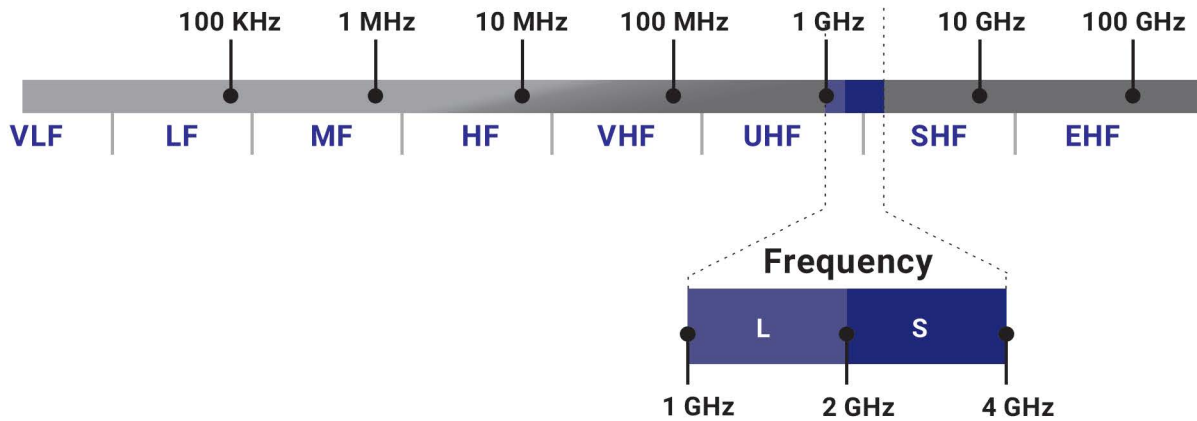
## Bi-Conical Antenna

1 to 4 GHz

Part Number: **BC-1-4-SL-NF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

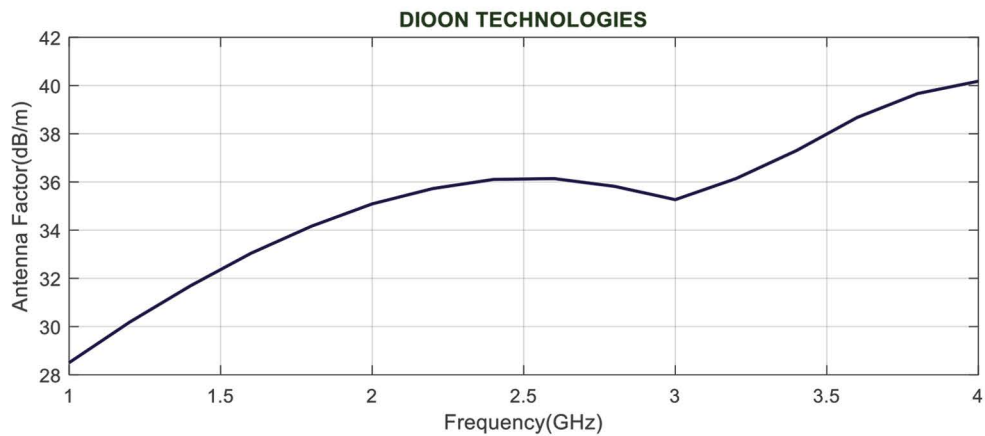
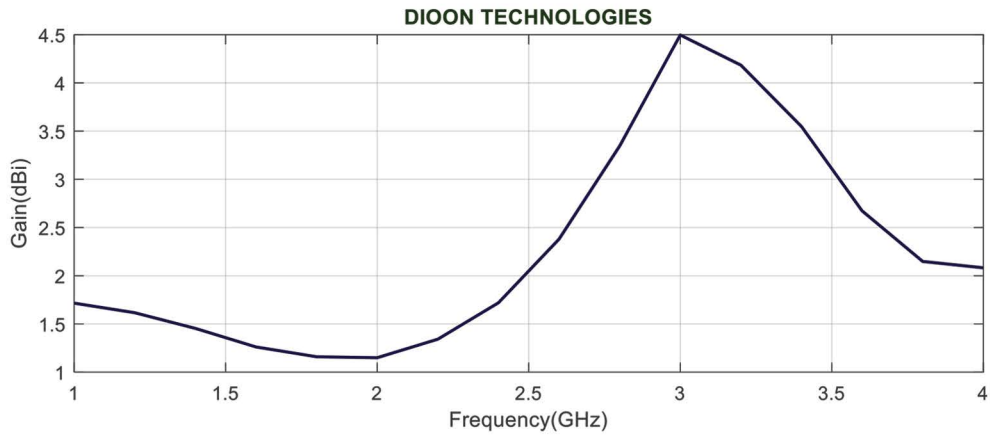


	<b>Gain</b>	Typically 1 ~ 4.5 dBi
	<b>Power Handling</b>	50 Watts c. w.
	<b>VSWR</b>	Typically <2.4:1
	<b>Polarization</b>	Single Linear
	<b>Connector Type</b>	N Type Female
	<b>Weight</b>	≈ 2.5 kg
	<b>Approximate Size</b>	≈ 120 mm × 120 mm × 130 mm
	<b>Construction</b>	Aluminum, Painted

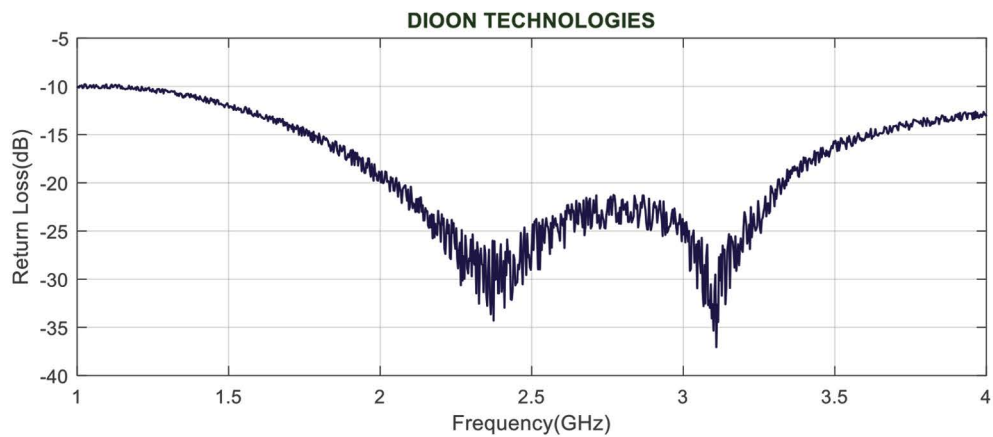


## Typical Antenna Gain / Factor

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.

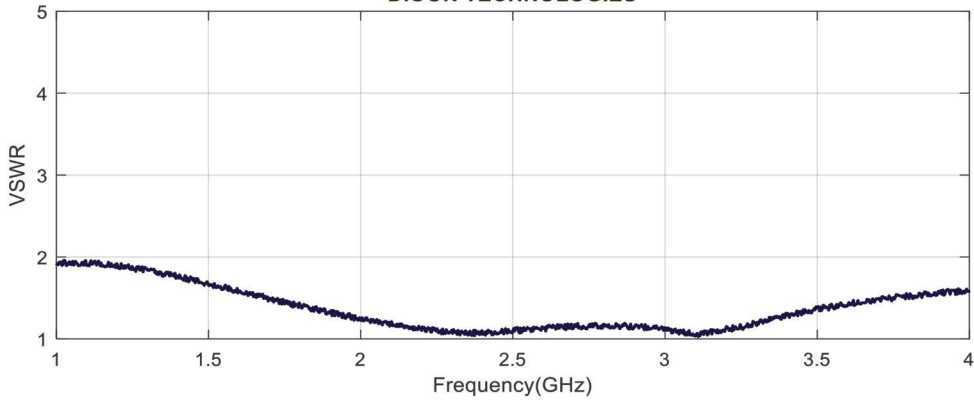


## Typical Antenna Return Loss / VSWR



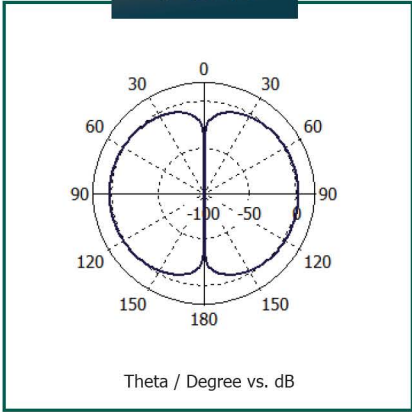


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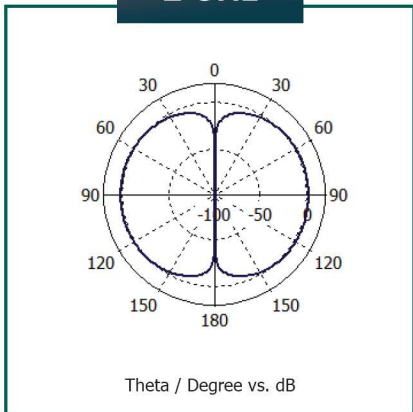


**Farfield Directivity Abs (Phi= 90)**

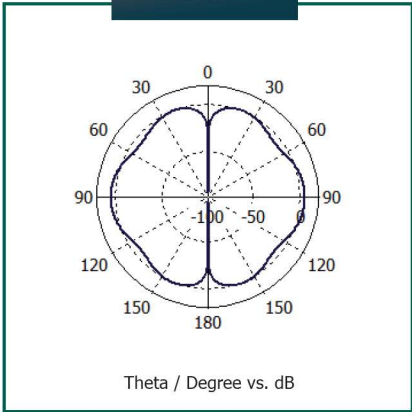
**1 GHz**



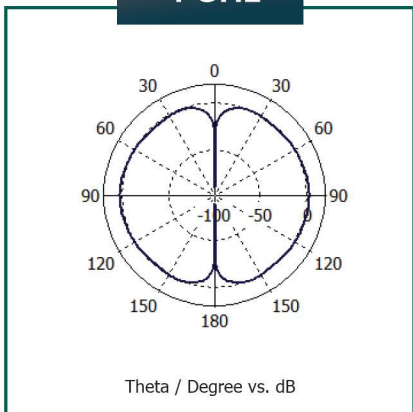
**2 GHz**



**3 GHz**



**4 GHz**



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