



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

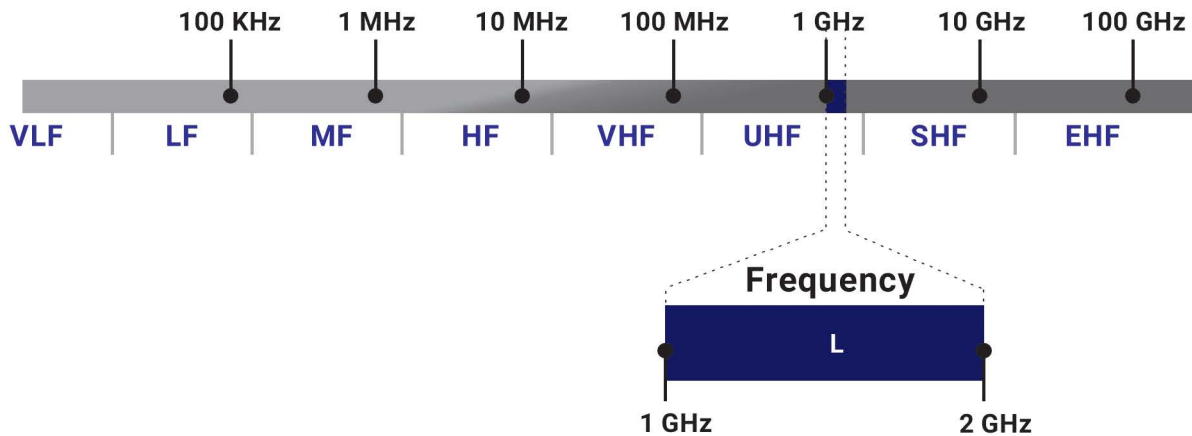
1 to 2 GHz

1.8m Reflector Diameter

Part Number: PR-1800-PF-1-2-SL-NF

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

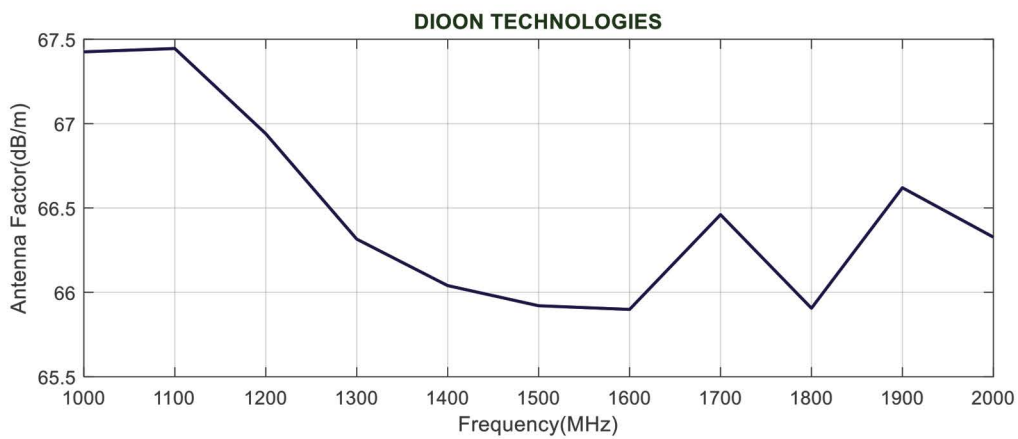
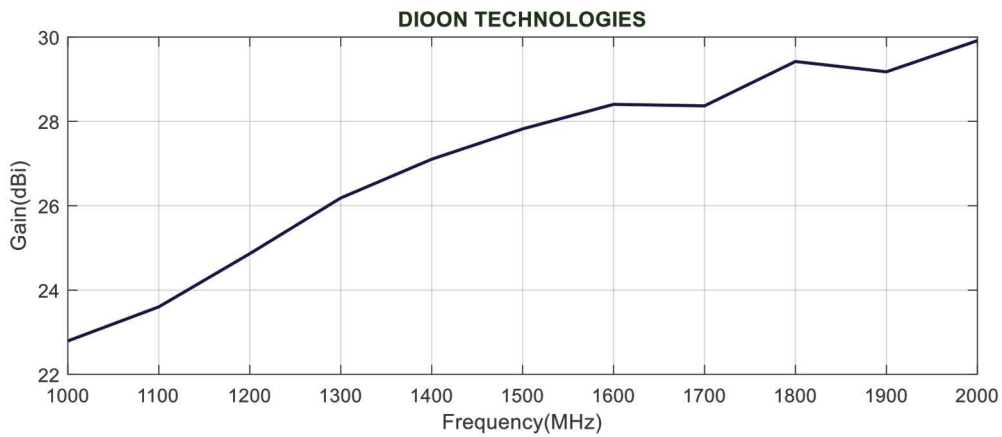


	Gain	Typically 23 ~ 30 dBi
	Power Handling	500 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	3 to 11 degrees
	Connector Type	N Type Female
	Weight	≈ 25 kg
	Approximate Size	≈ Reflector diameter 1850mm maximum
	Construction	Spun aluminium reflector powdercoat finish, painted. Composite aluminium plastic feed.

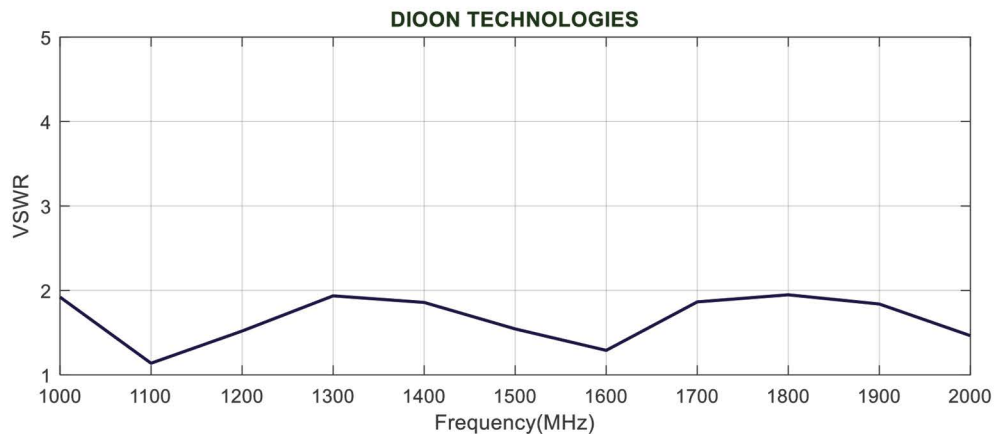
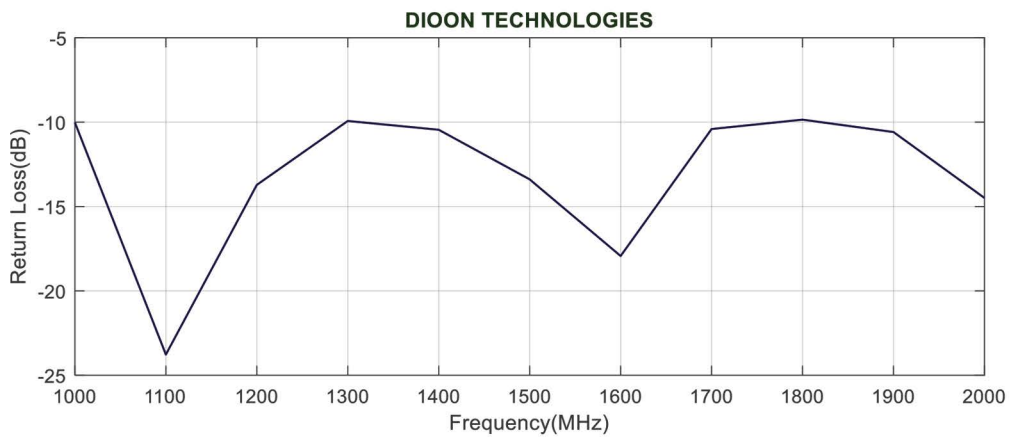


Typical Antenna Gain / Factor

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.

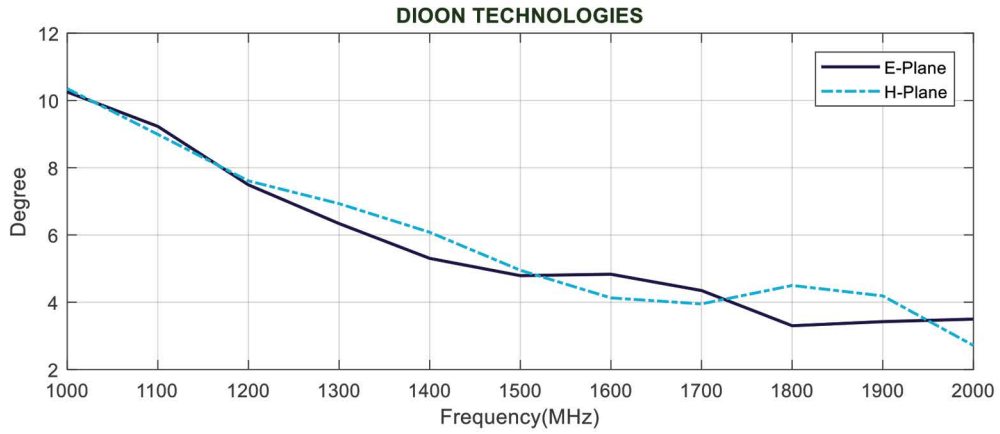


Typical Antenna Return Loss / VSWR

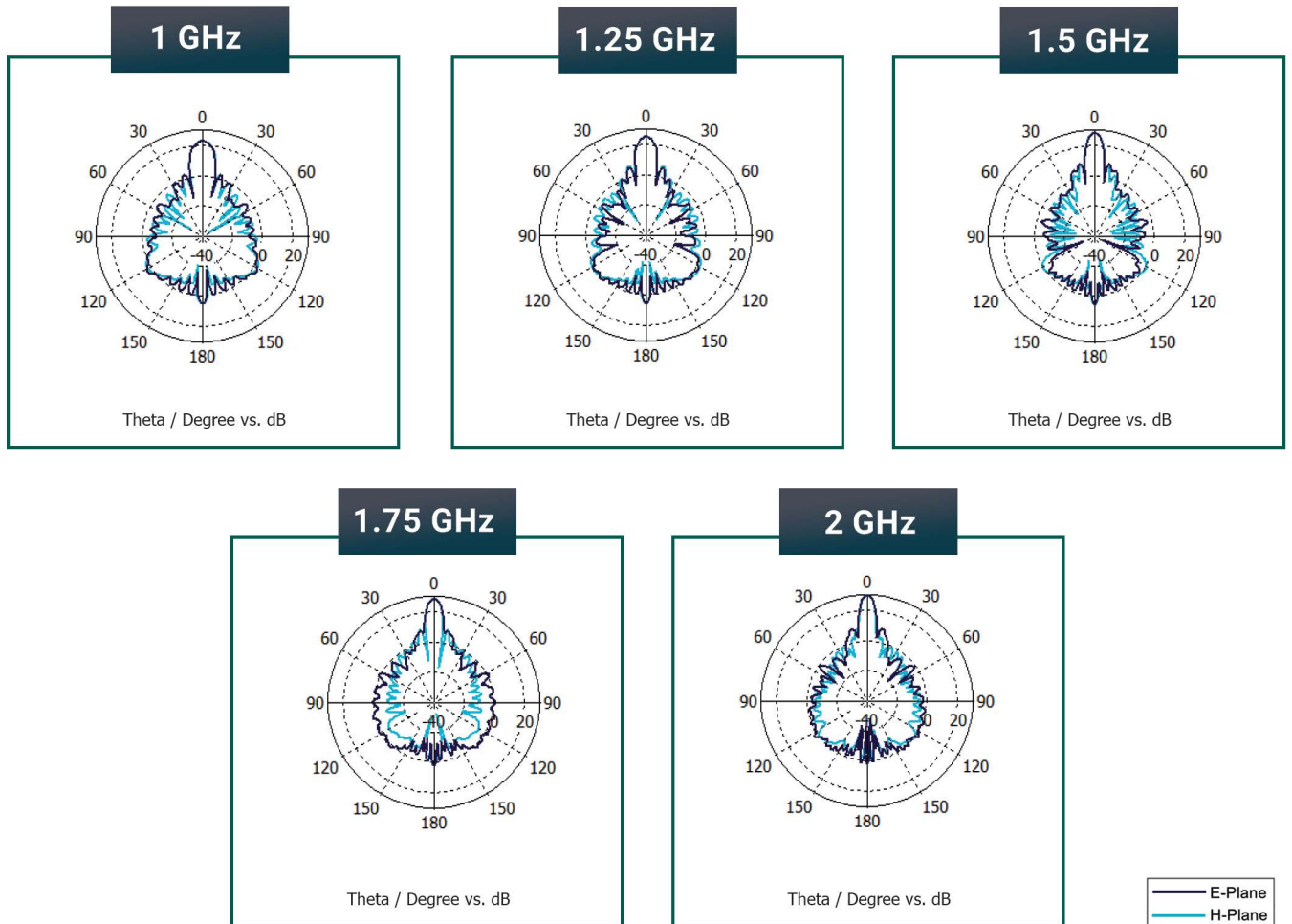




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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