



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

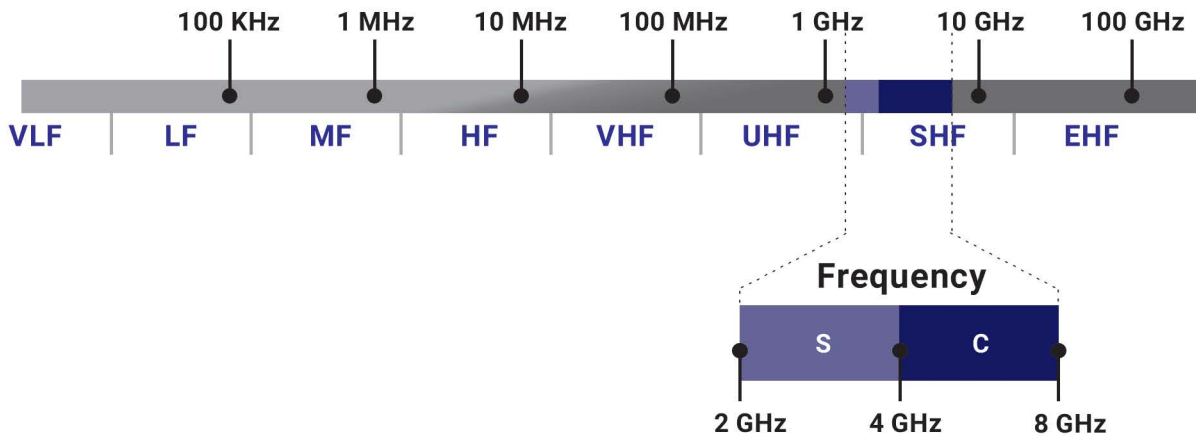
2 to 8 GHz

700mm Reflector Diameter

Part Number: **PR-700-PF-2-8-SL-SF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

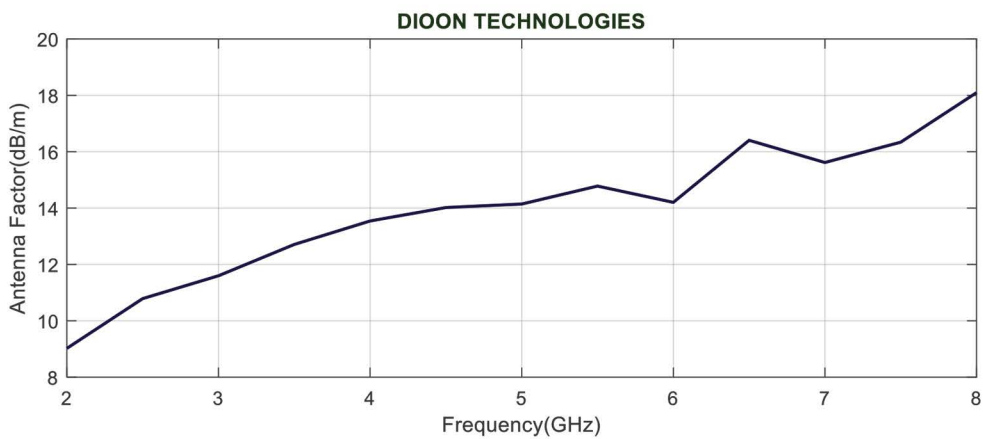
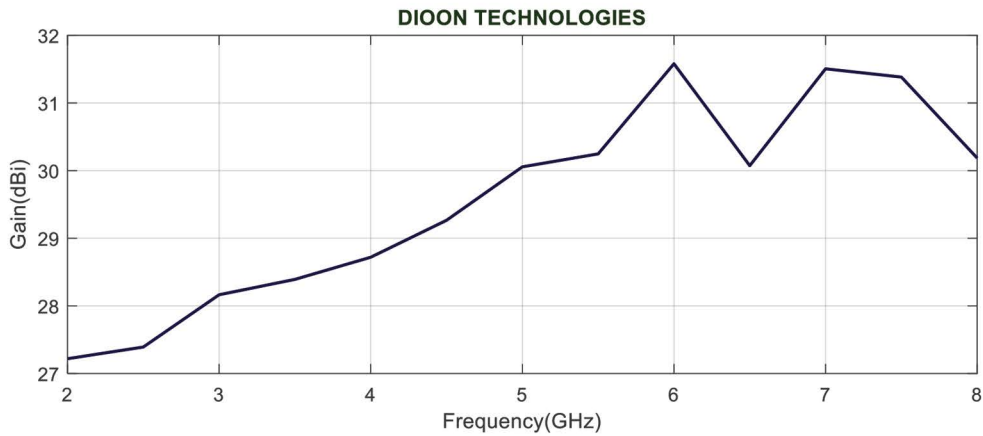


	Gain	Typically 27 ~ 32 dBi
	Power Handling	500 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	2 to 9 degrees
	Connector Type	SMA Type Female
	Weight	≈ 7 kg
	Approximate Size	≈ Reflector diameter 750 mm maximum
	Construction	Aluminium reflector, powdercoat finish. Copper / brass / engineering plastic feed horn, painted.

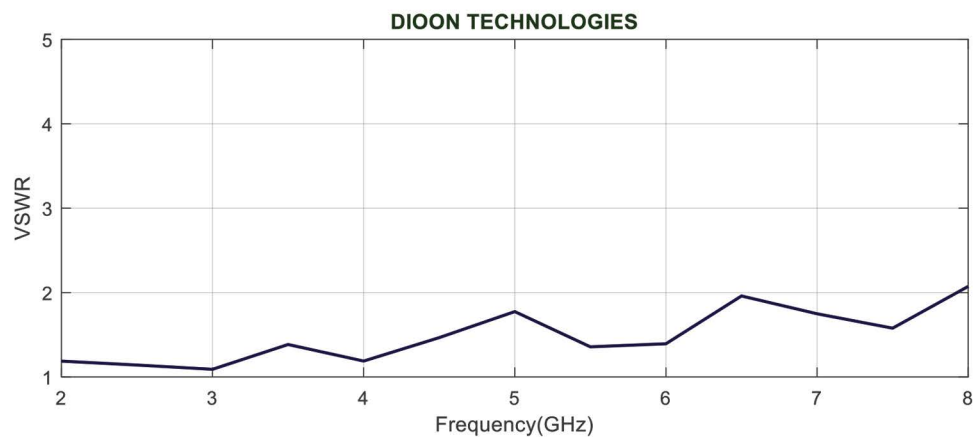
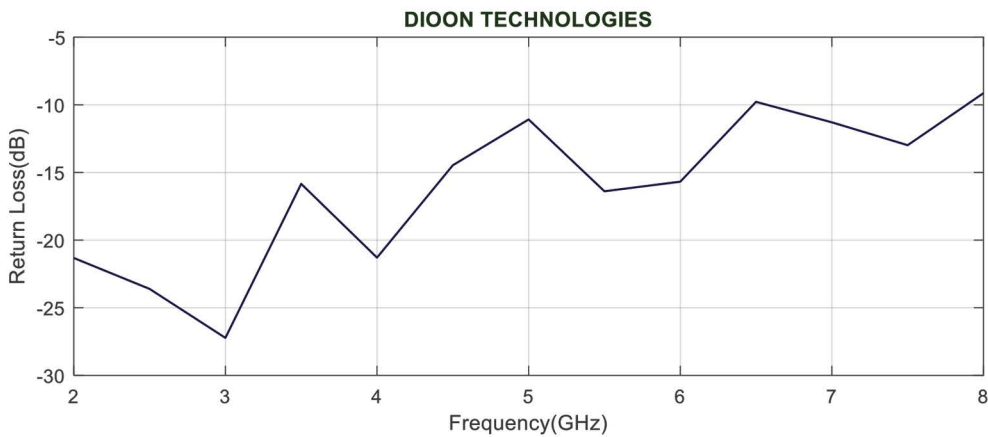


Typical Antenna Gain / Factor

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.

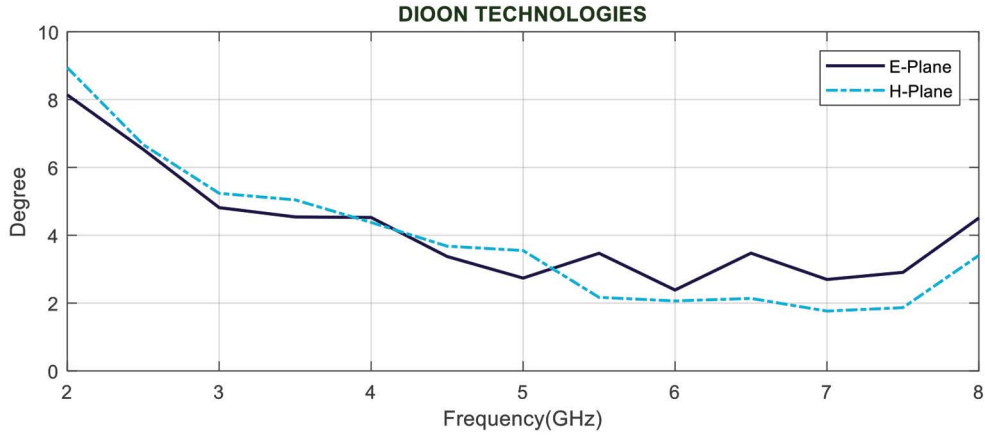


Typical Antenna Return Loss / VSWR

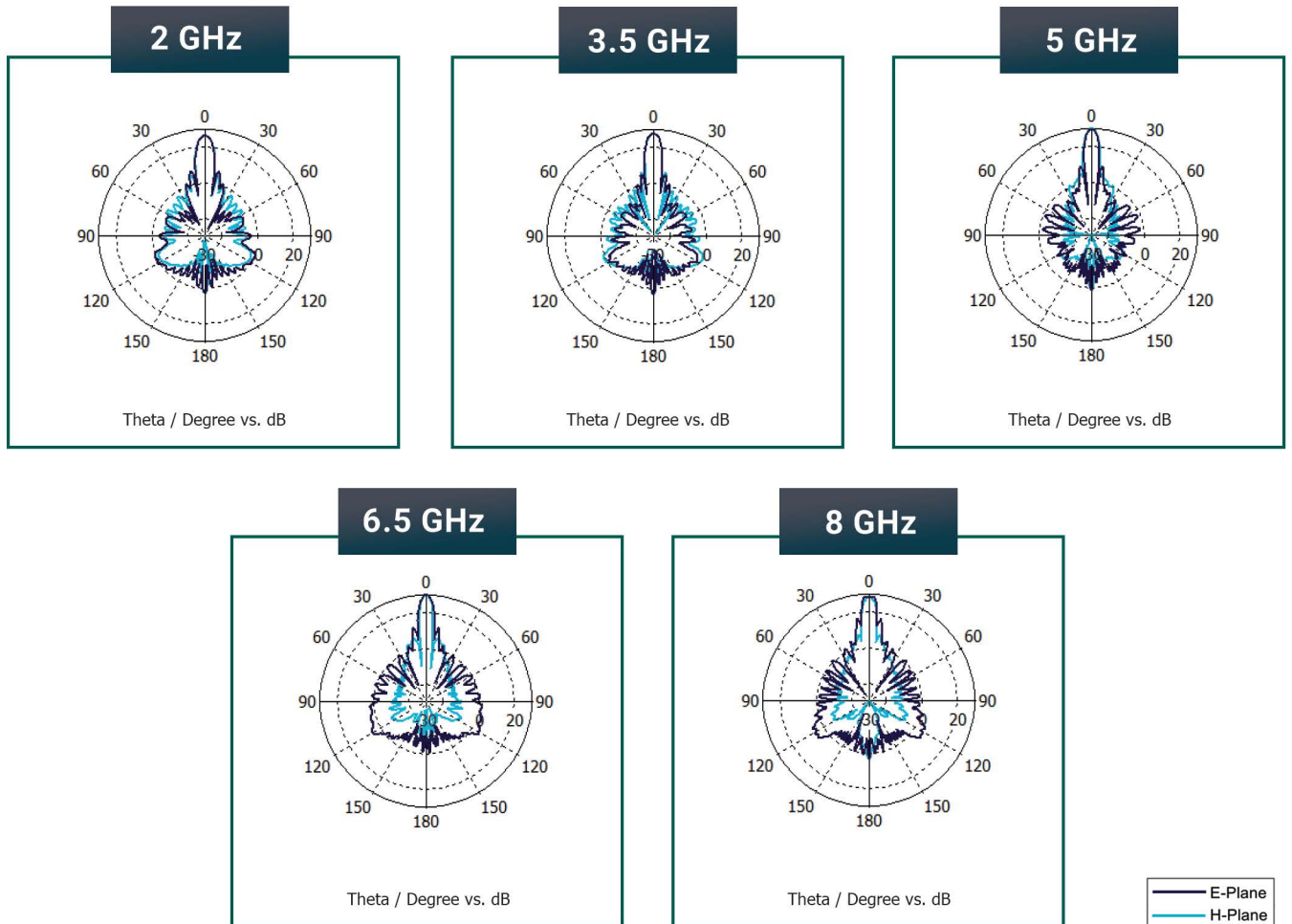




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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