



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

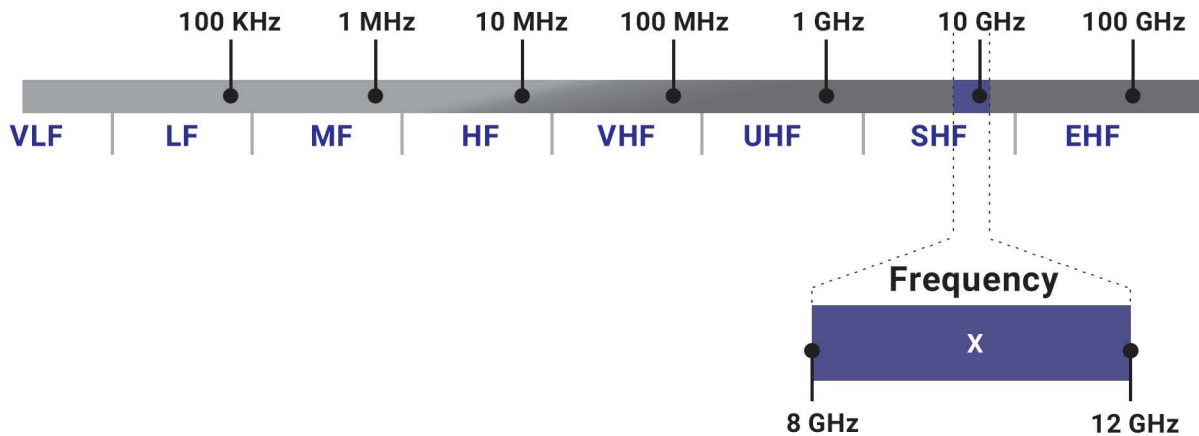
8 to 12 GHz

1.2m Reflector Diameter

Part Number: **PR-1200-PF-8-12-SL-SF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

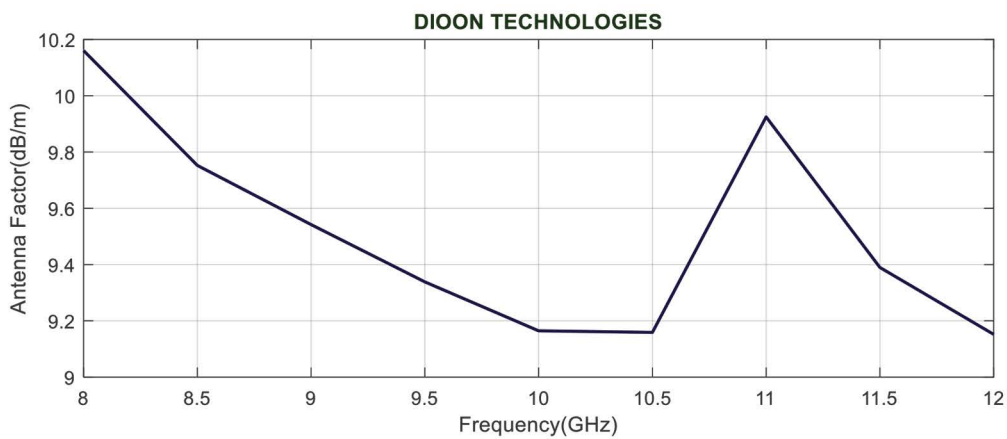
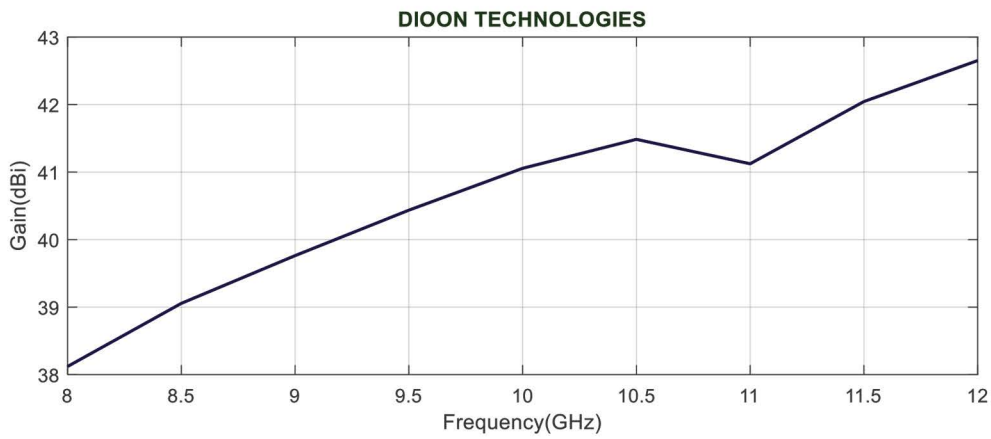


	Gain	Typically 38 ~ 43 dBi
	Power Handling	40 Watts c. w.
	VSWR	Typically <1.7:1
	Polarization	Single Linear
	3dB Beamwidth	0.65 to 1.1 degrees
	Connector Type	SMA Type Female
	Weight	≈ 12 kg
	Approximate Size	≈ Reflector diameter 1230 mm maximum
	Construction	Spun aluminium reflector. Powdercoat finish. Brass / Copper feed, painted.

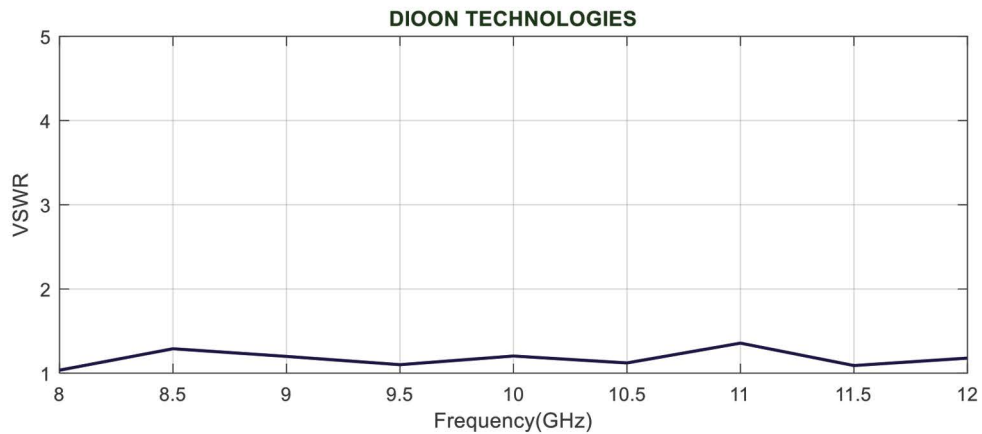
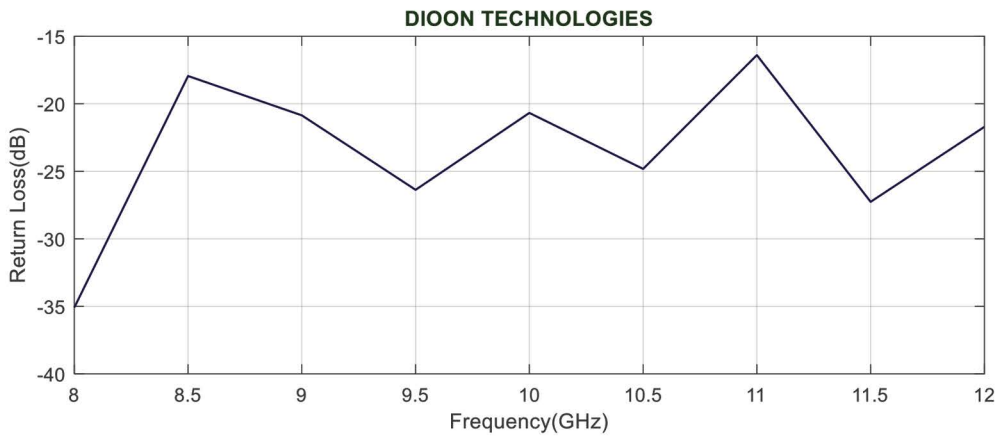


Typical Antenna Gain / Factor

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.

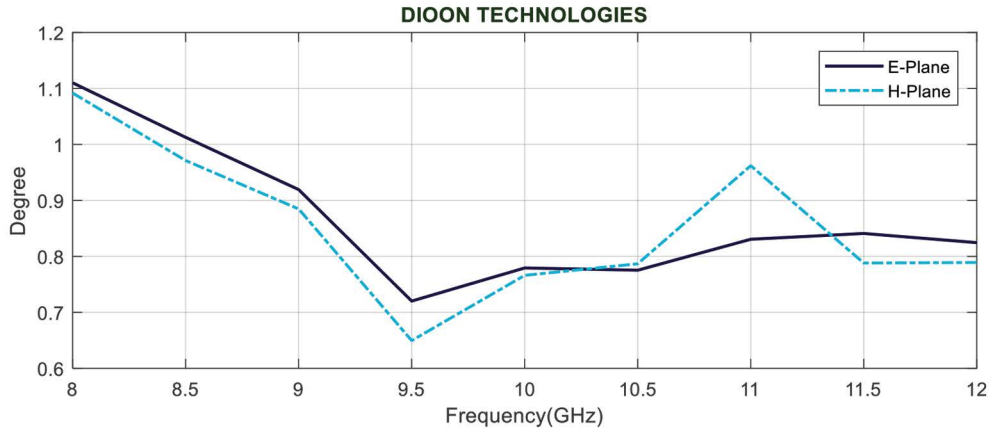


Typical Antenna Return Loss / VSWR

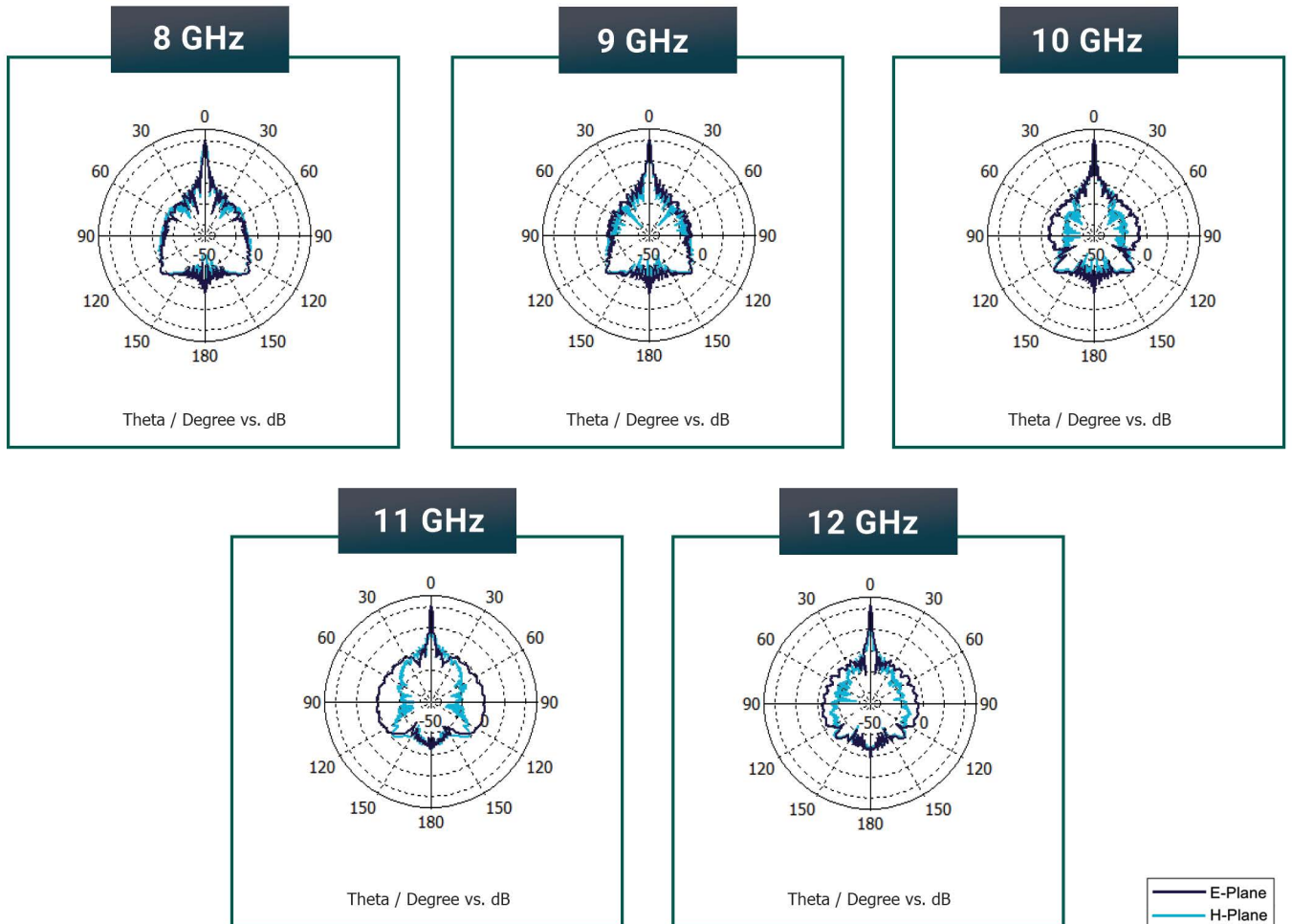




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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