



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

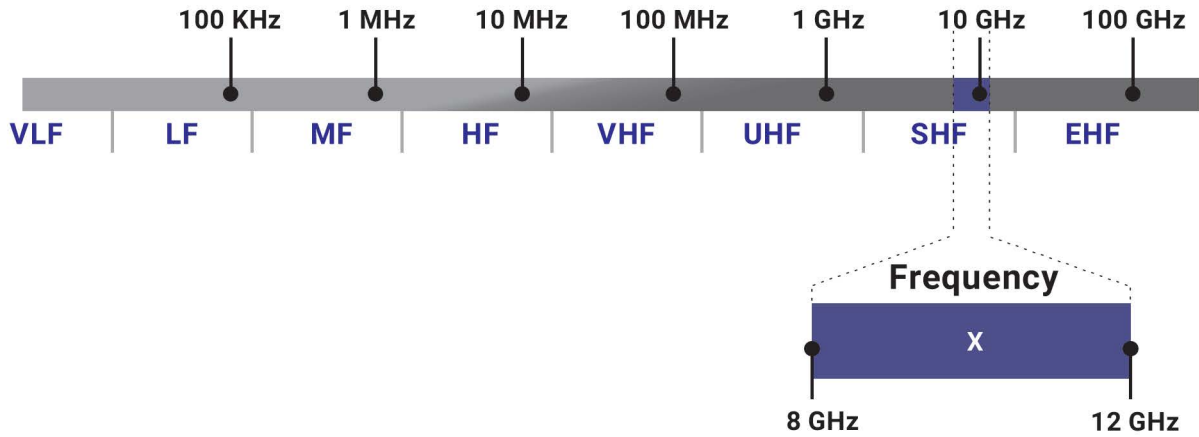
8 to 12 GHz

600mm Reflector Diameter

Part Number: PR-600-PF-8-12-SL-SF

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

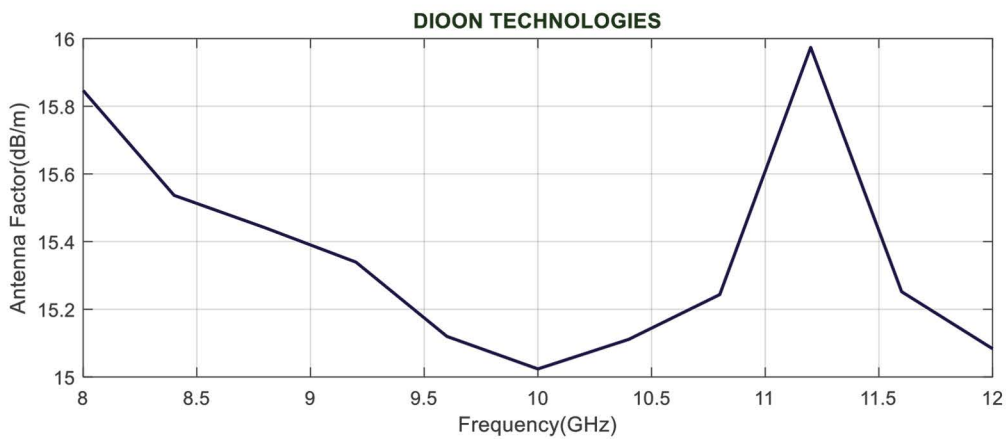
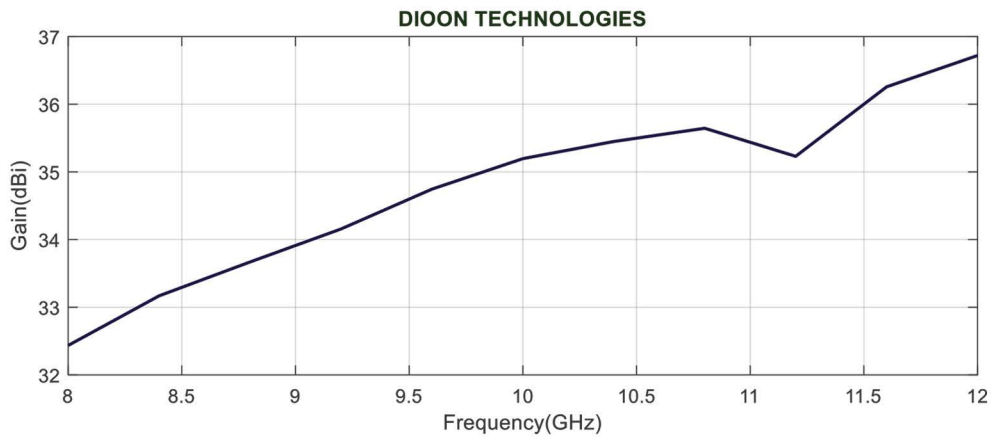


	Gain	Typically 32 ~ 37 dBi
	Power Handling	40 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	0.75 to 1.45 degrees
	Connector Type	SMA Type Female
	Weight	≈ 5 kg
	Approximate Size	≈ Reflector diameter 630 mm maximum
	Construction	Aluminium with copper and brass waveguide feed and engineering plastics. Reflector is powdercoat finished.

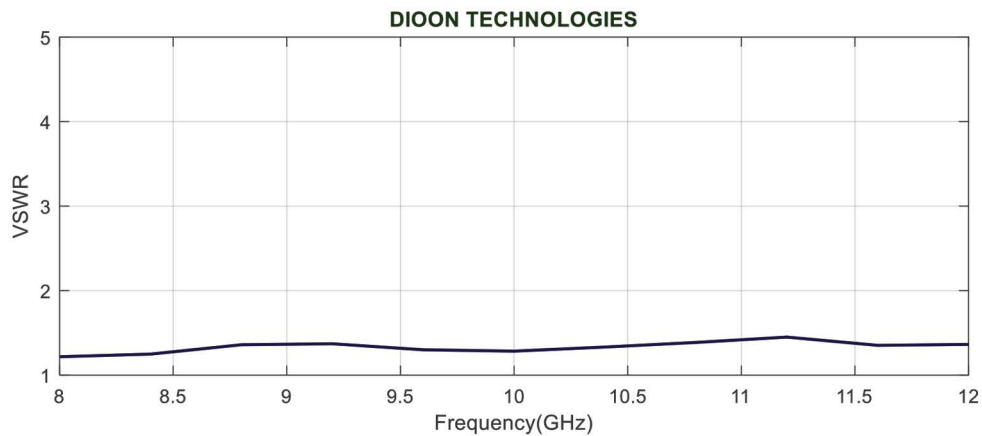
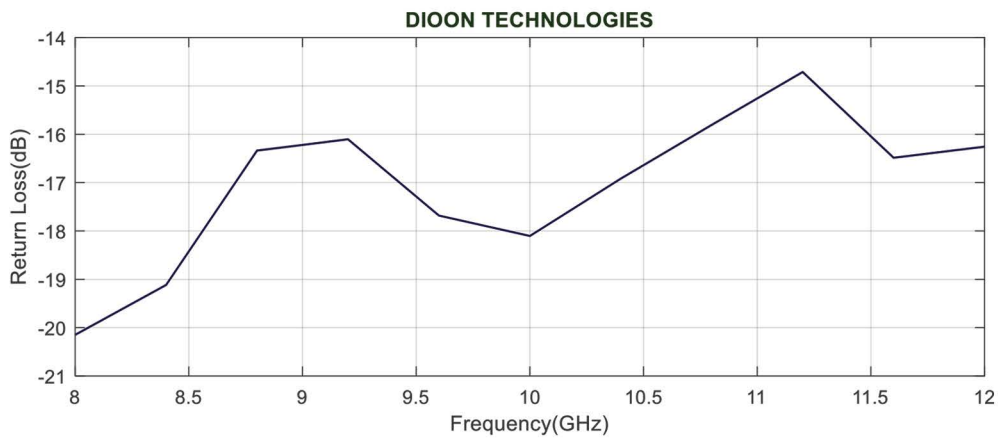


Typical Antenna Gain / Factor

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.

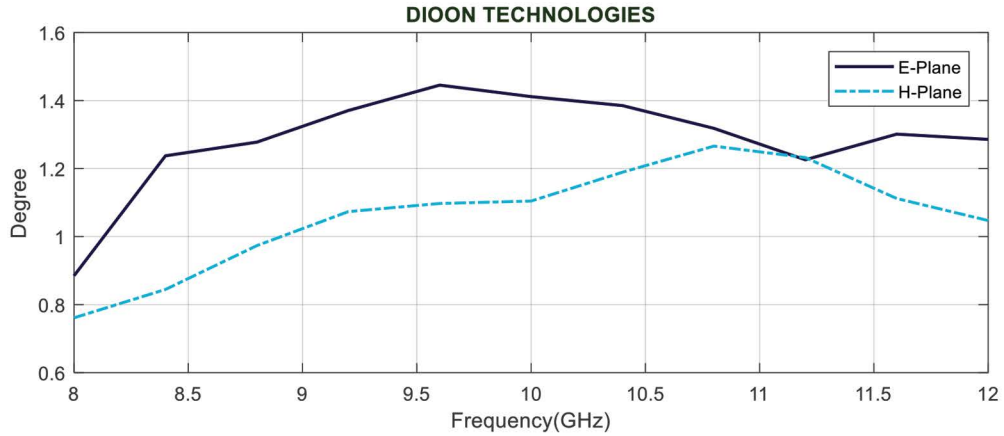


Typical Antenna Return Loss / VSWR

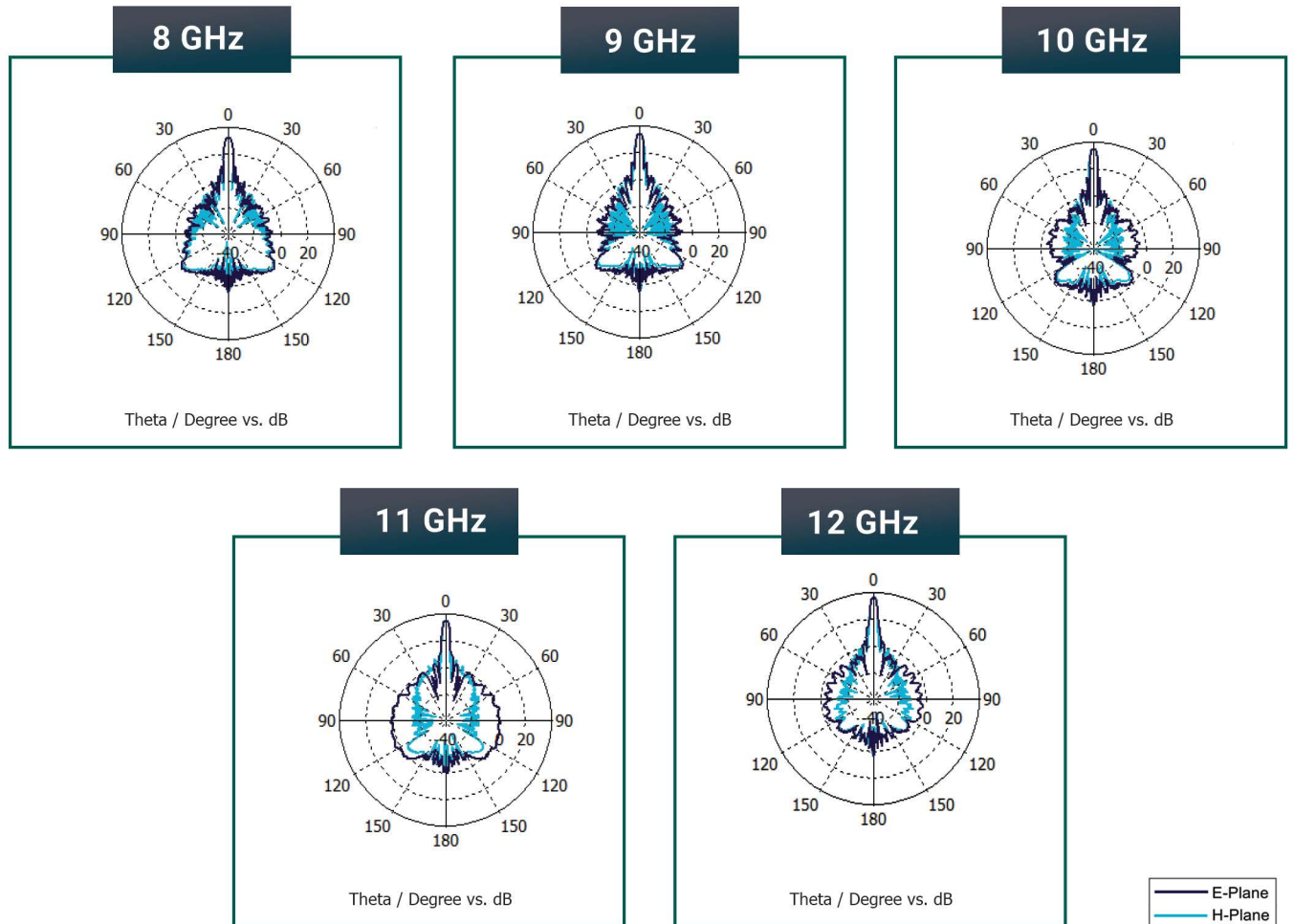




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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