



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

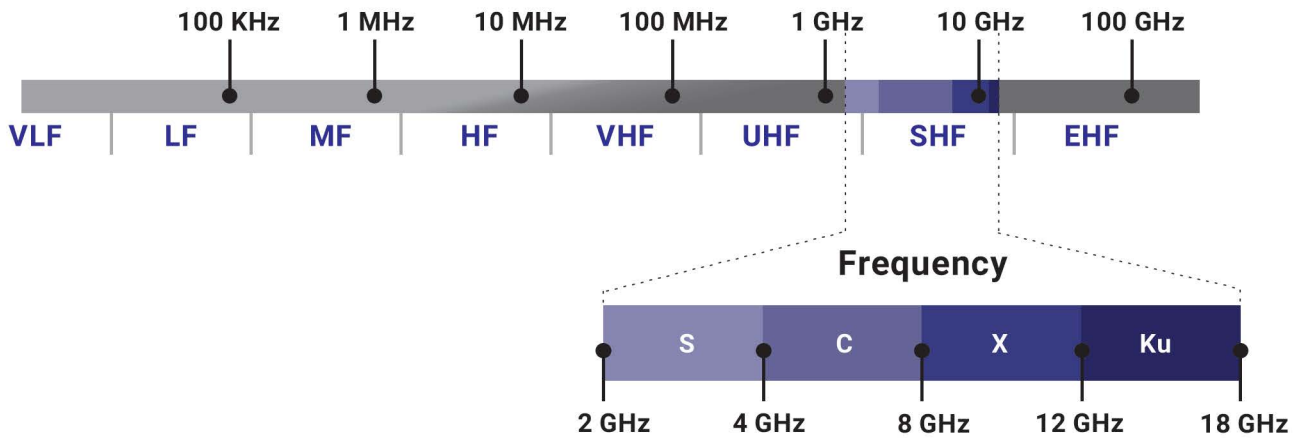
2 to 18 GHz

700mm Reflector Diameter

Part Number: **PR-700-OR-2-18-DL-SF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

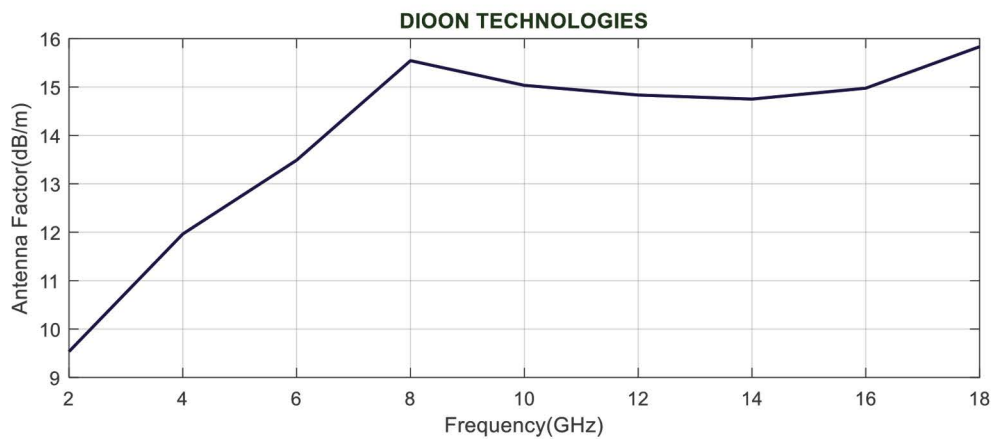
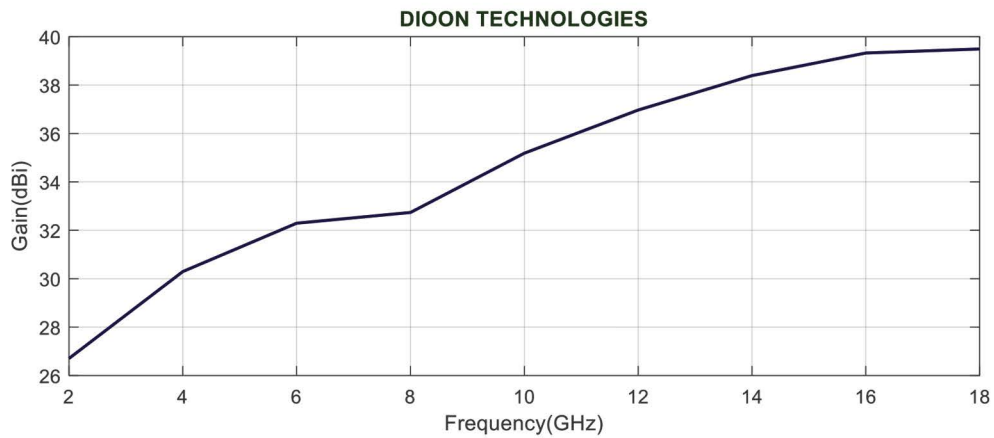


	Gain	Typically 26 ~ 40 dBi
	Power Handling	40 Watts c. w.
	VSWR	Typically <1.7:1
	Polarization	Dual Linear
	3dB Beamwidth	1 to 5.5 degrees
	Connector Type	2x SMA Type Female
	Weight	≈ 10 kg
	Approximate Size	≈ Reflector diameter 750 mm maximum
	Construction	Pressed aluminium reflector. Powdercoat finish. Composite feed, painted

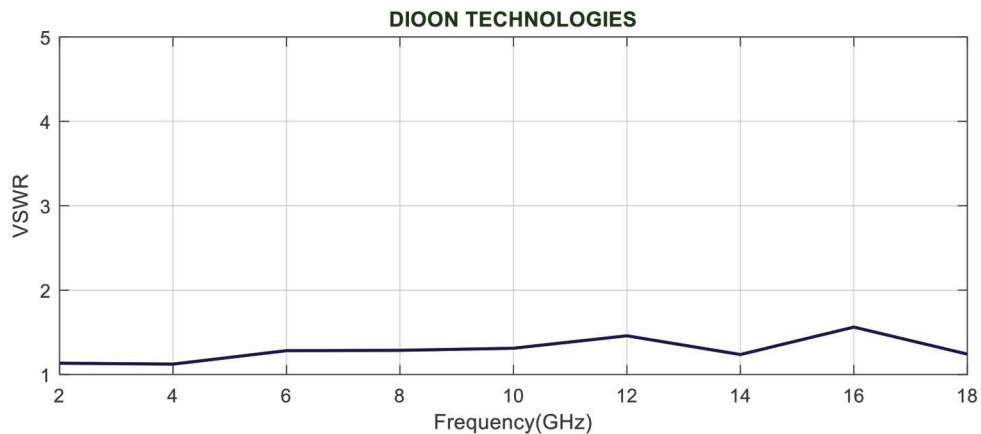
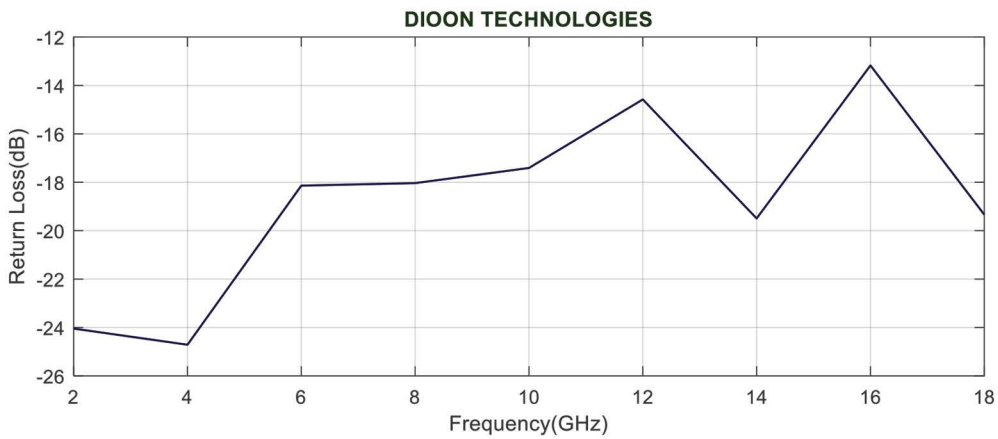


Typical Antenna Gain / Factor

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.

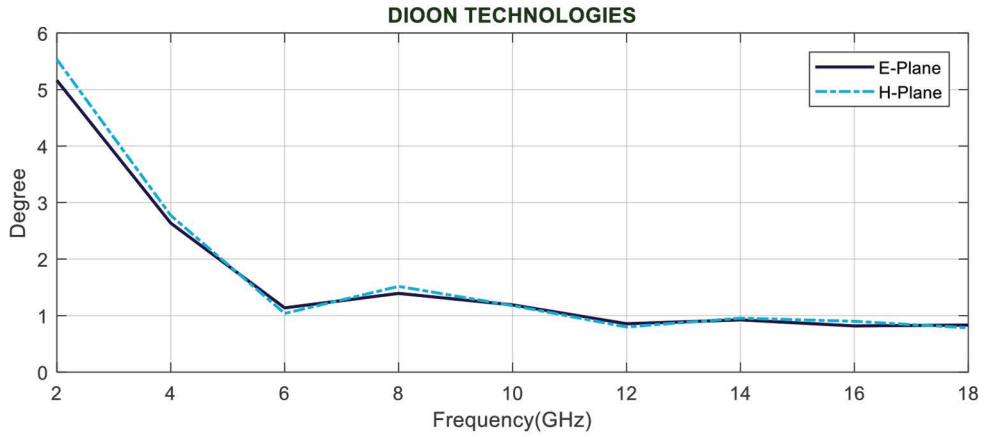


Typical Antenna Return Loss / VSWR

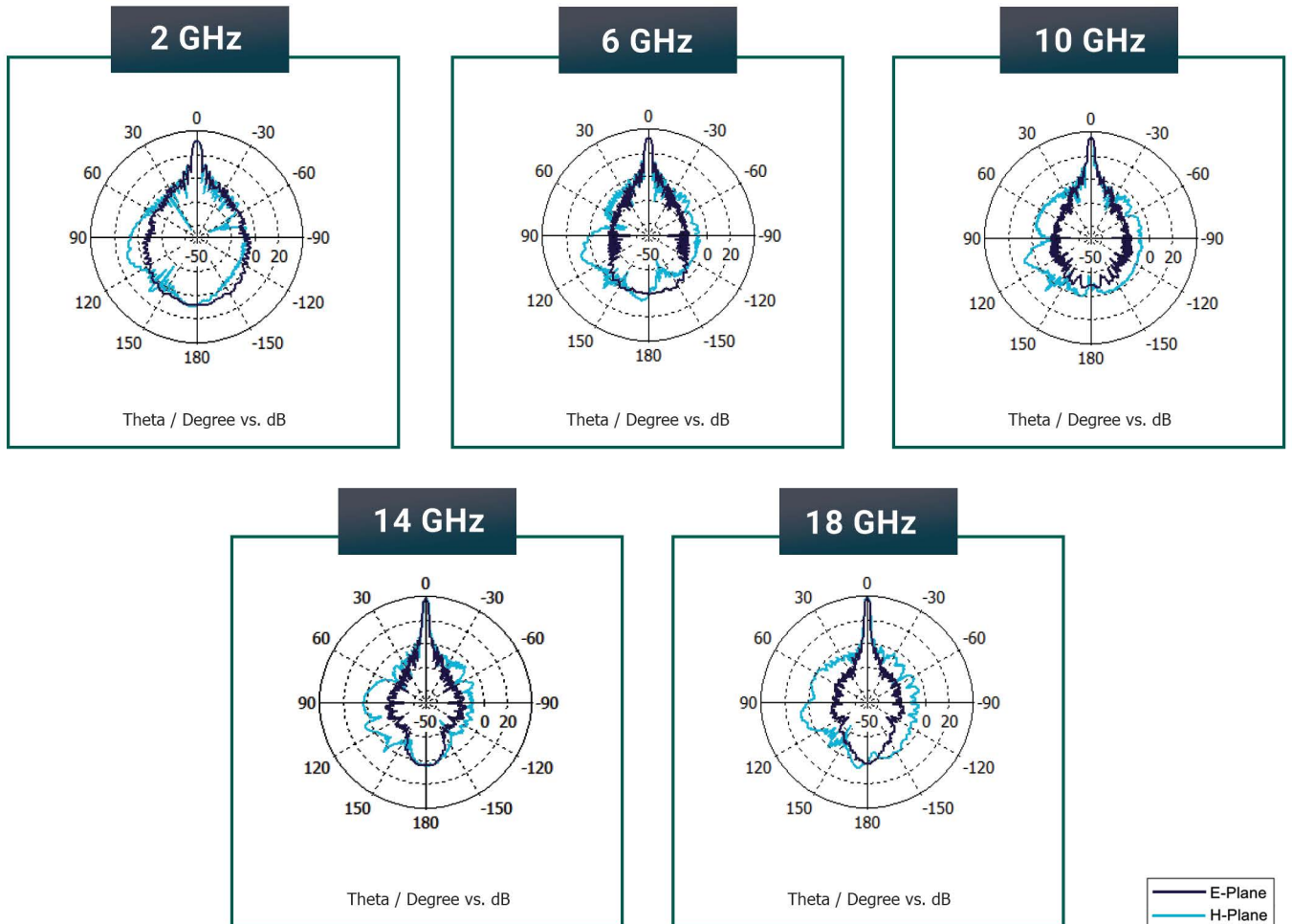




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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