



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

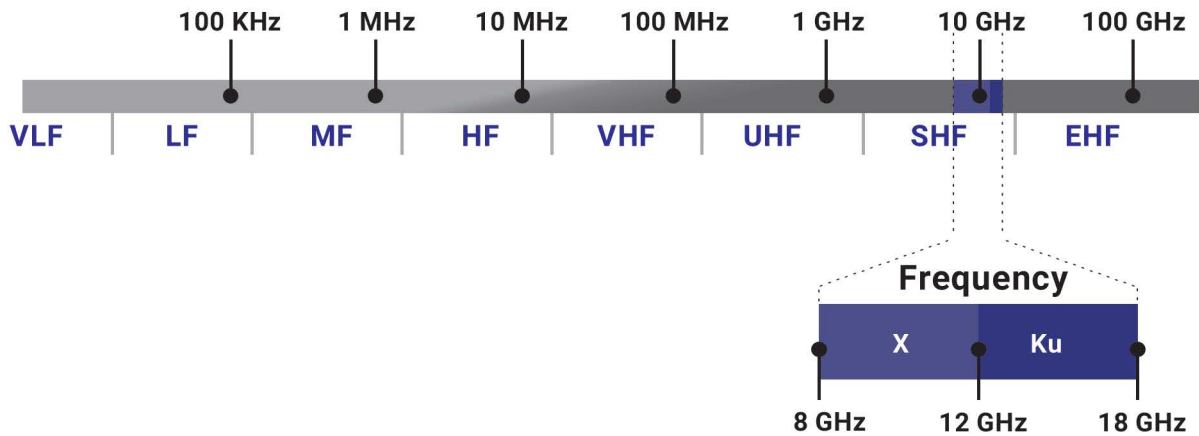
8 to 18 GHz

900mm Reflector Diameter

Part Number: **PR-900-PF-8-18-SL-NF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

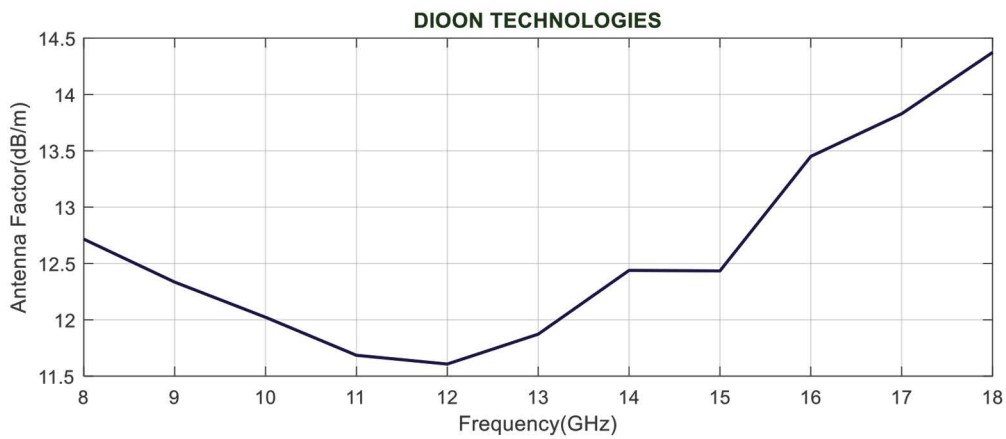
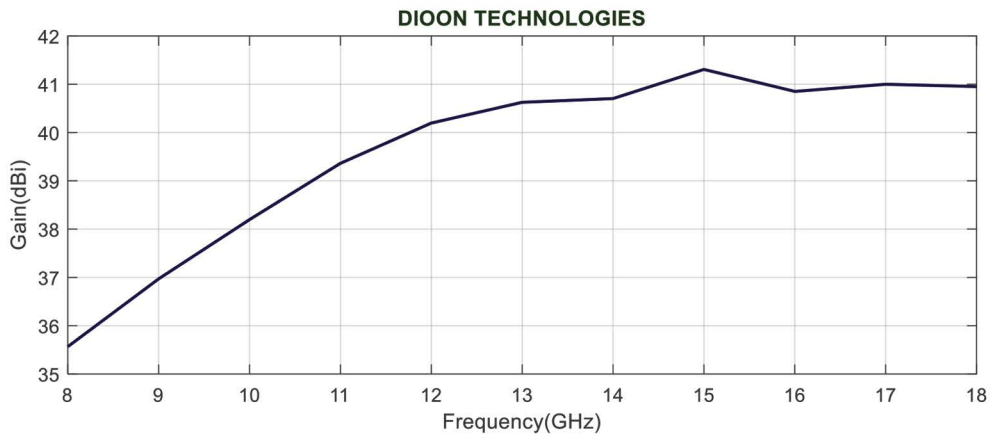


	Gain	Typically 35 ~ 43 dBi
	Power Handling	300 Watts c. w.
	VSWR	Typically <2.2:1
	Polarization	Single Linear
	3dB Beamwidth	0.55 to 1.1 degrees
	Connector Type	N Type Female
	Weight	≈ 8 kg
	Approximate Size	≈ Reflector diameter 930 mm maximum
	Construction	Aluminium reflector, powdercoat finish. Aluminium and engineering plastics feed painted.

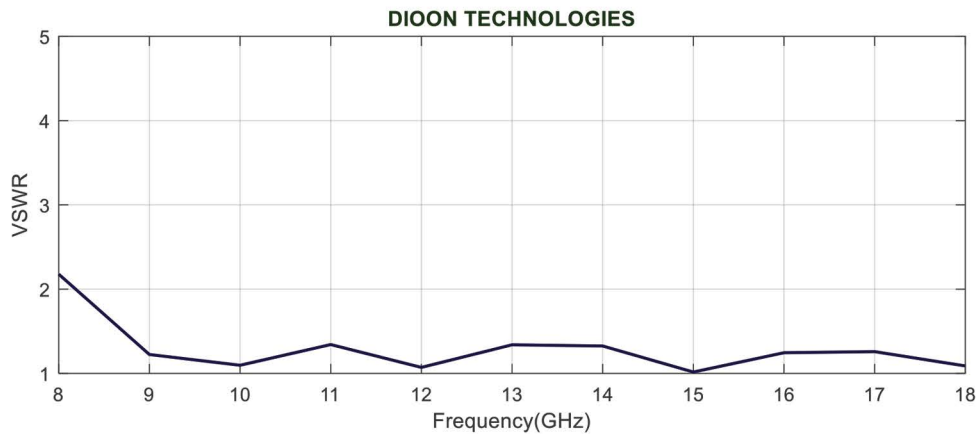
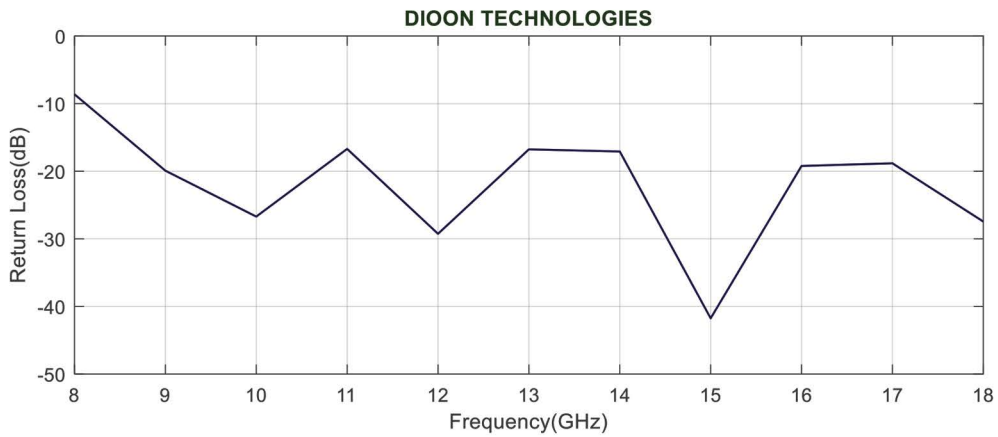


Typical Antenna Gain / Factor

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.

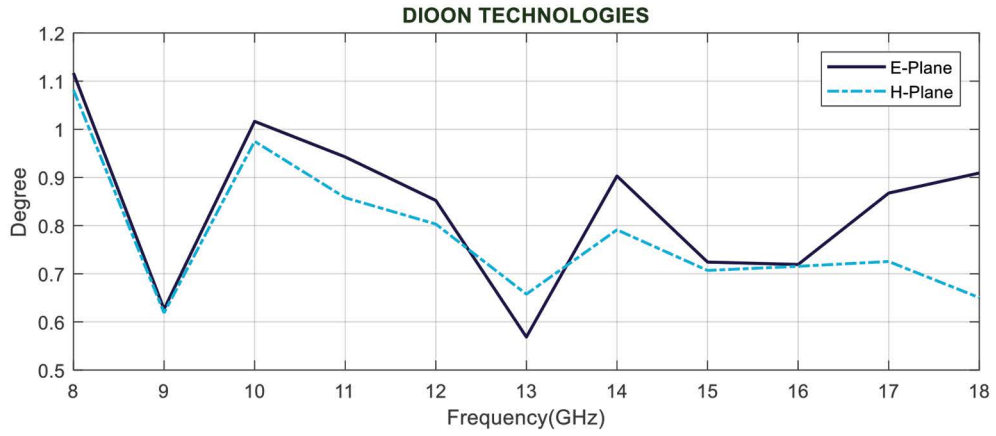


Typical Antenna Return Loss / VSWR

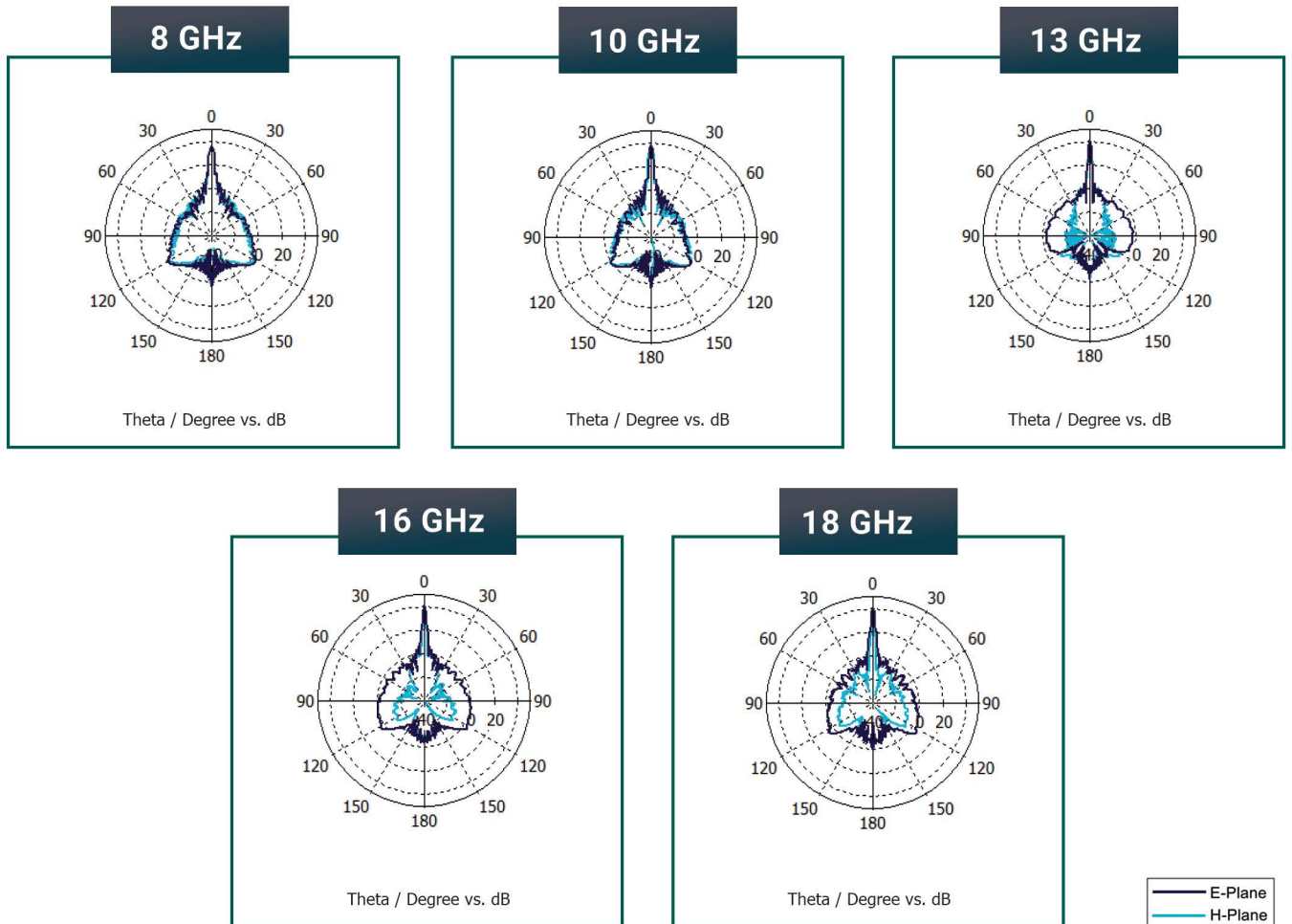




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



TECHNOLOGIES

Phone: +1(949)508 0037
Email: Sales@dioon.us

DIOON TECHNOLOGIES

WWW.DIOON.US

The Advanced Way

United States Office
660 Wald, Irvine, CA92618