



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

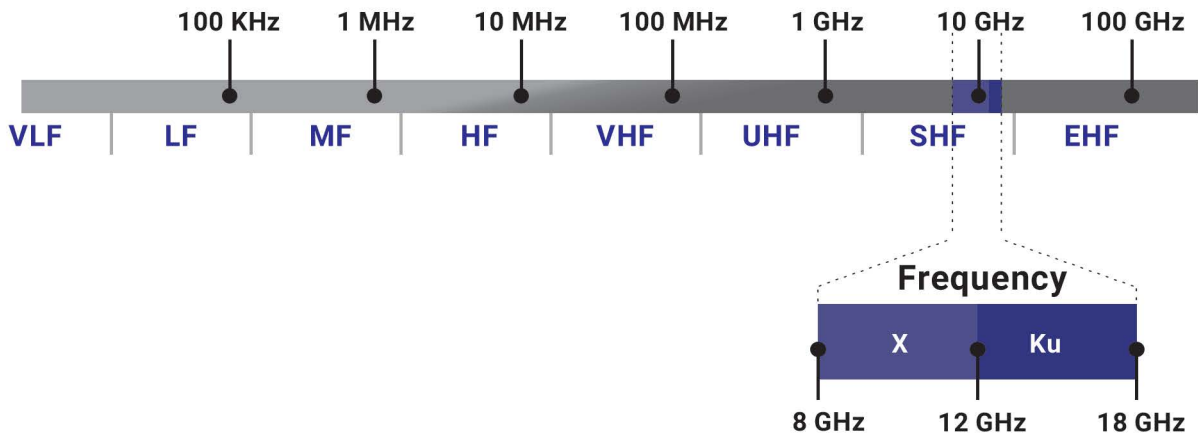
8 to 18 GHz

700mm Reflector Diameter

Part Number: **PR-700-PF-8-18-SL-NF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

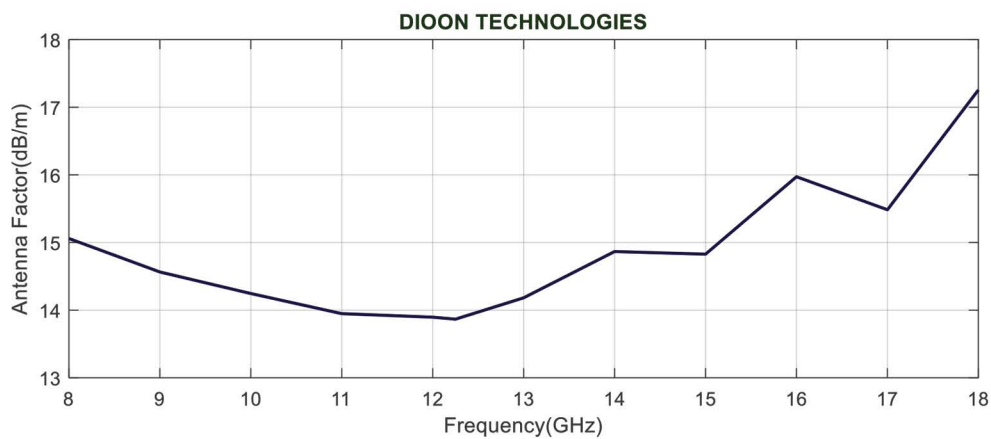
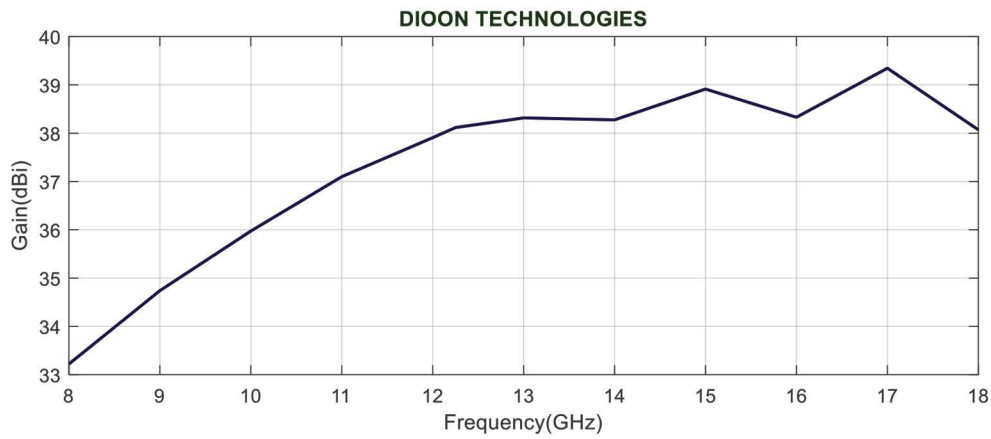


	Gain	Typically 33 ~ 39 dBi
	Power Handling	400 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Single Linear
	3dB Beamwidth	0.6 to 1.4 degrees
	Connector Type	N Type Female
	Weight	≈ 6 kg
	Approximate Size	≈ Reflector diameter 750 mm maximum
	Construction	Aluminium reflector, powdercoat finish. Copper / brass/engineering plastic feed horn, painted

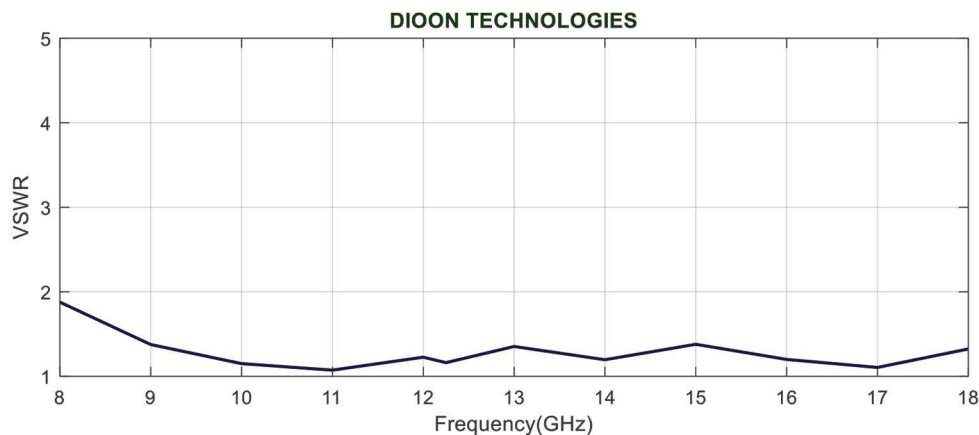
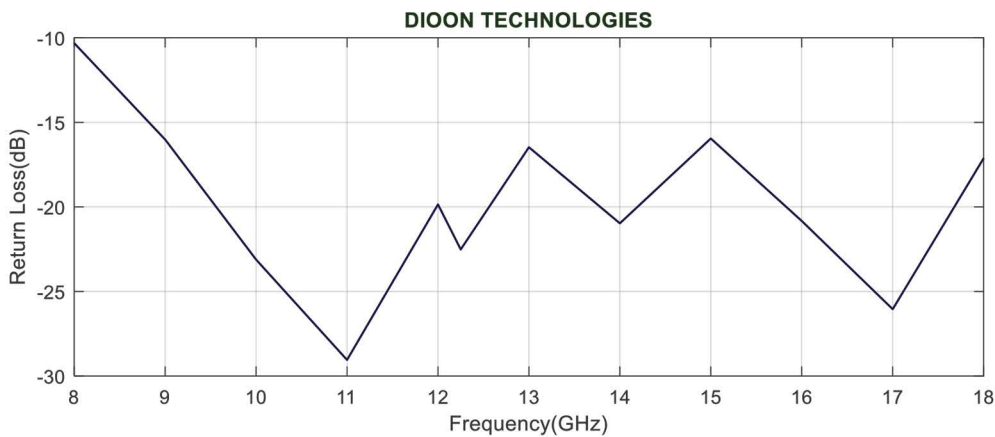


Typical Antenna Gain / Factor

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.

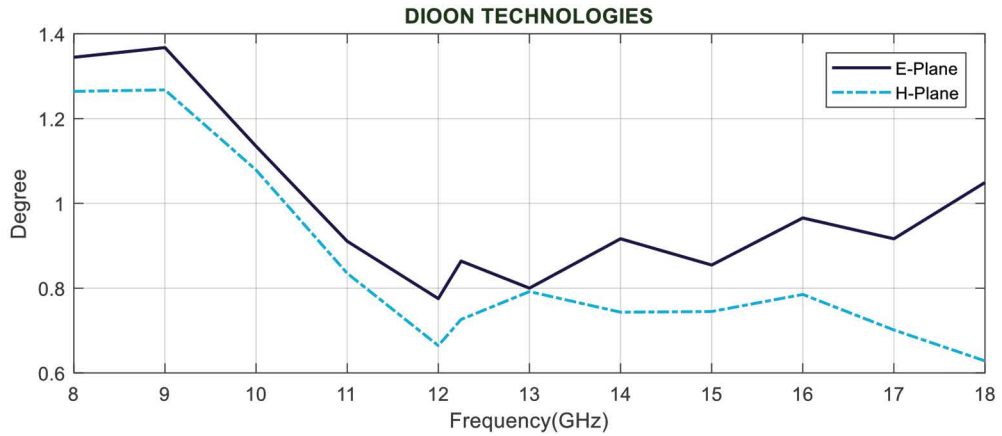


Typical Antenna Return Loss / VSWR

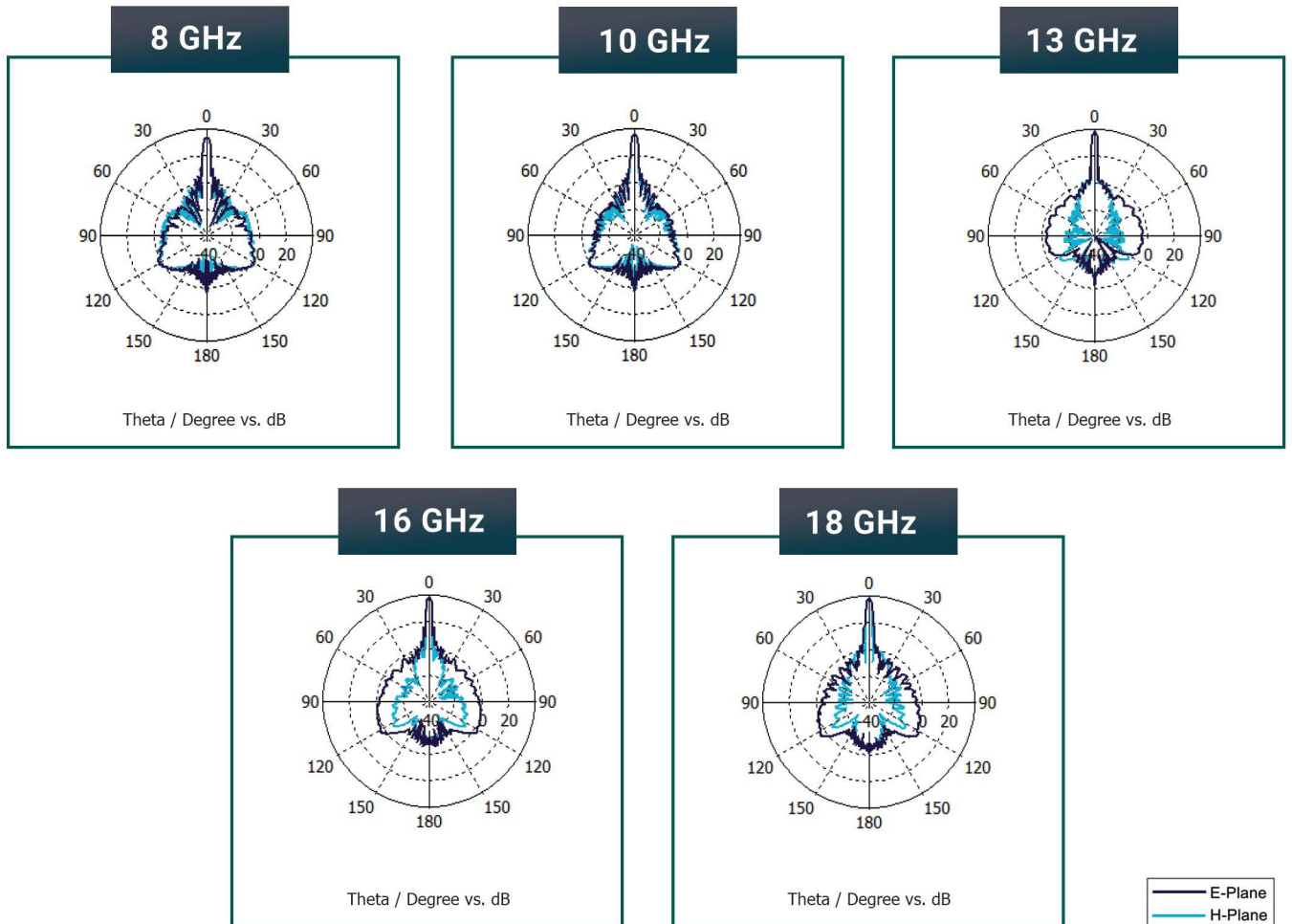




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



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