



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



## Parabolic Reflector Antenna

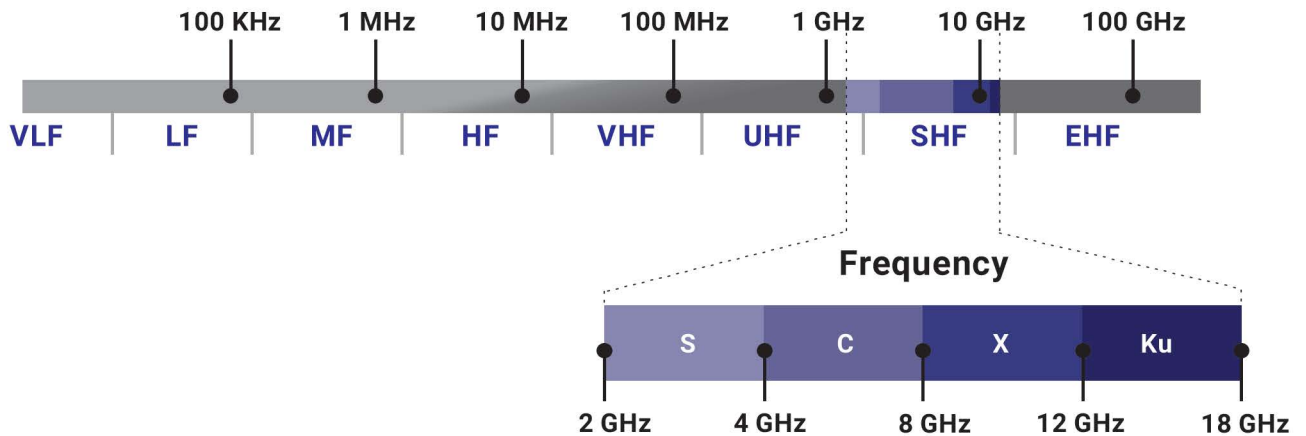
2 to 18 GHz

900mm Reflector Diameter

Part Number: **PR-900-PF-2-18-DL-SF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

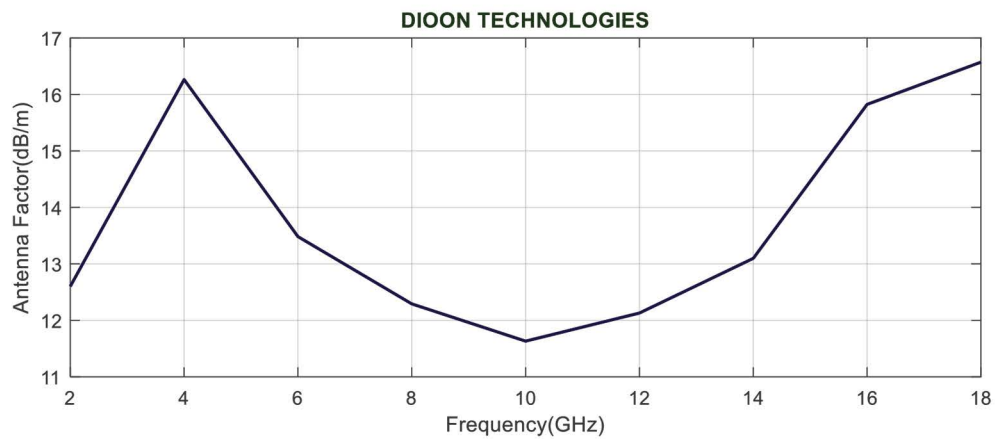
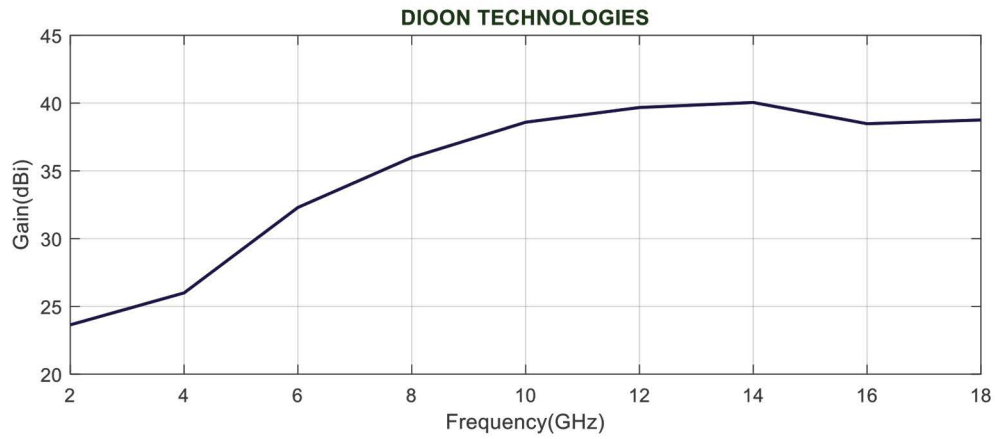


	<b>Gain</b>	Typically 24 ~ 40 dBi
	<b>Power Handling</b>	20 Watts c. w.
	<b>VSWR</b>	Typically <2:1
	<b>Polarization</b>	Dual Linear
	<b>3dB Beamwidth</b>	1 to 14 degrees
	<b>Connector Type</b>	2x SMA Type Female
	<b>Weight</b>	≈ 11 kg
	<b>Approximate Size</b>	≈ Reflector diameter 930 mm maximum
	<b>Construction</b>	Aluminium reflector, powdercoat finish. Aluminium and engineering plastics feed, painted.

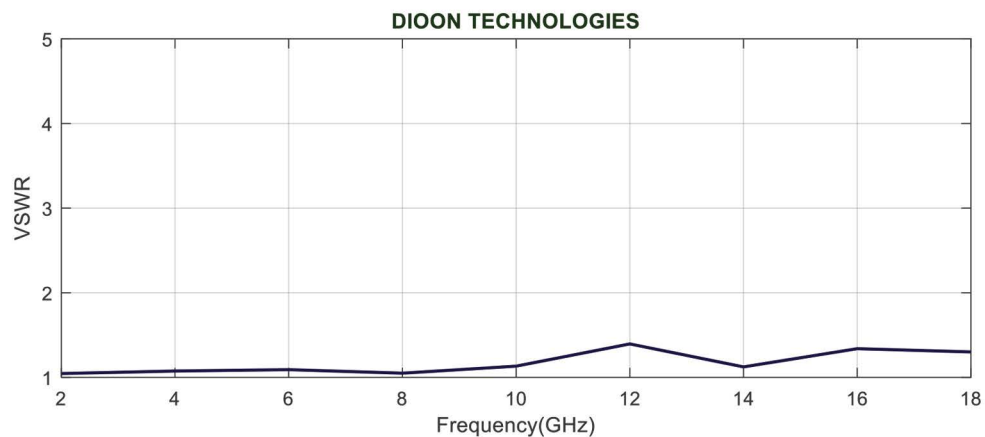
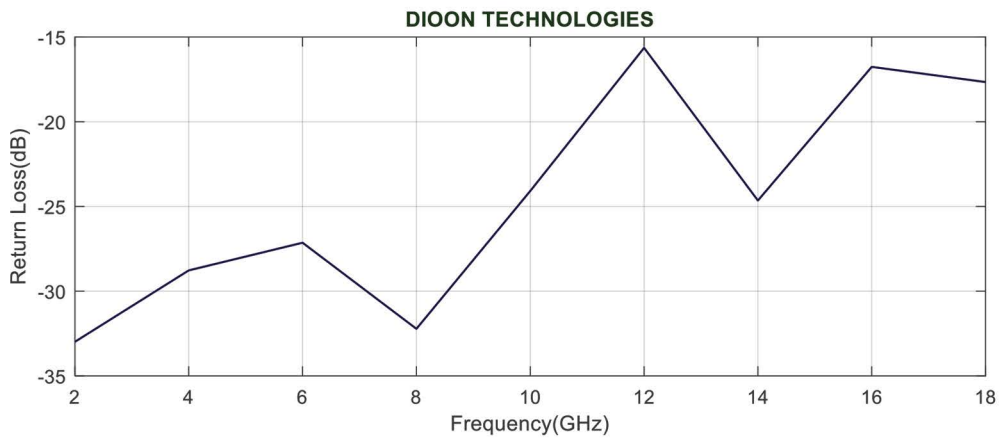


## Typical Antenna Gain / Factor

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.

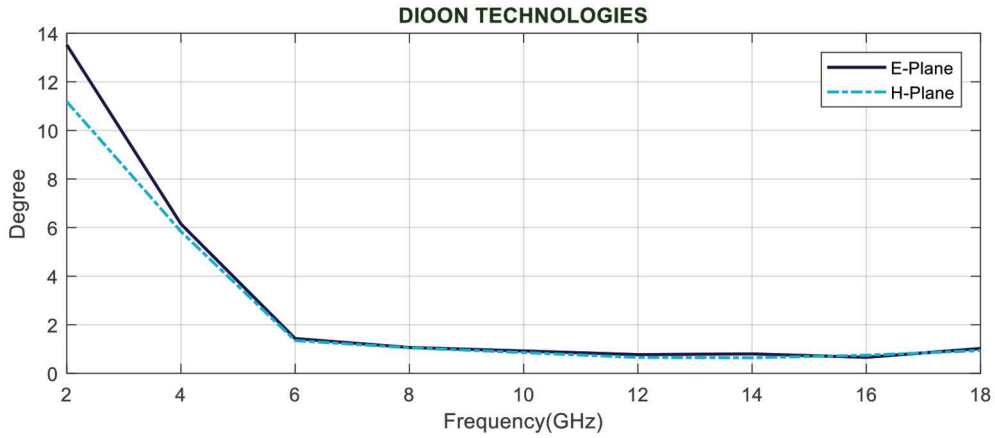


## Typical Antenna Return Loss / VSWR

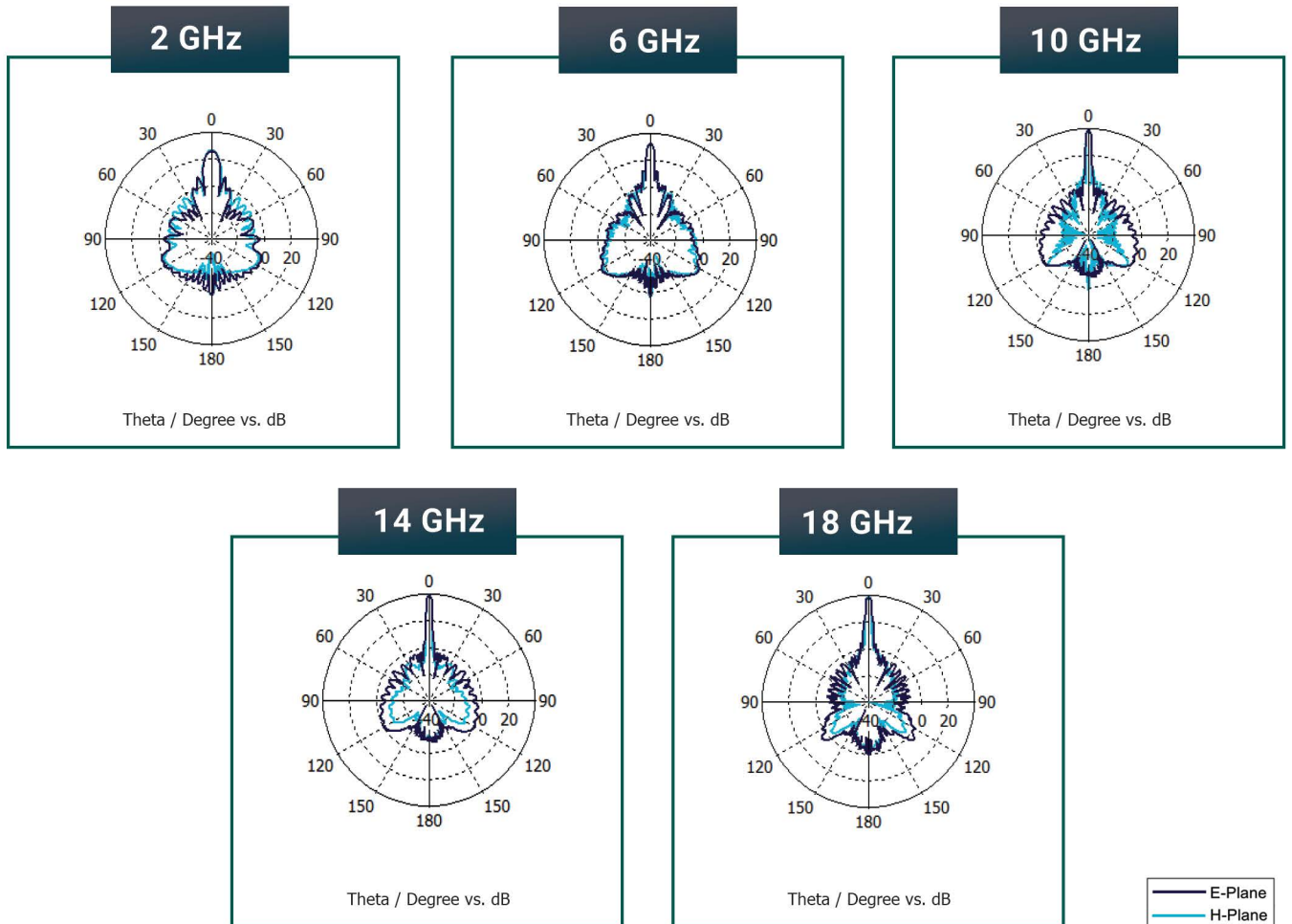




# Typical Antenna HPBW



# Farfield Directivity Abs (Phi= 0,90)



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