



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



Parabolic Reflector Antenna

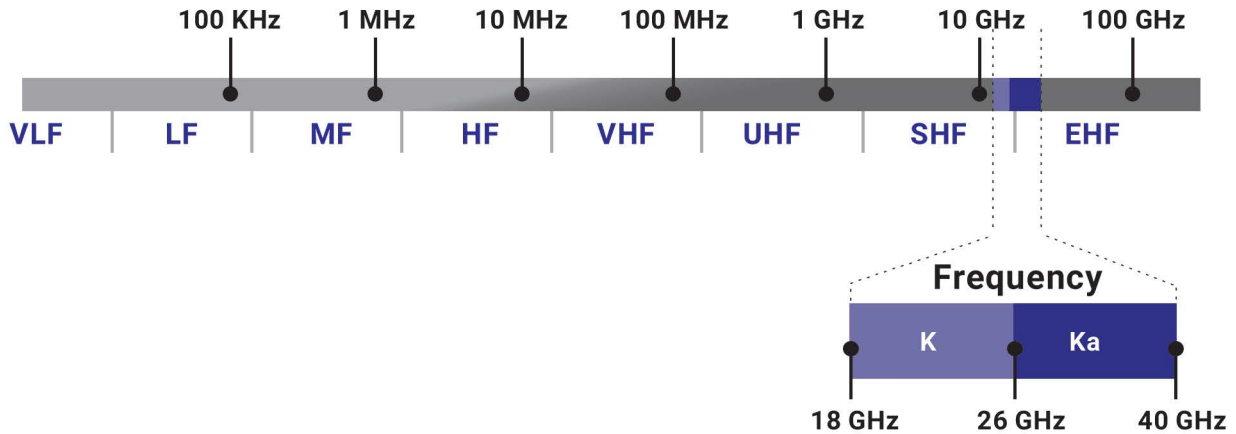
18 to 40 GHz

340mm Reflector Diameter

Part Number: **PR-340-PF-18-40-DL-KF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

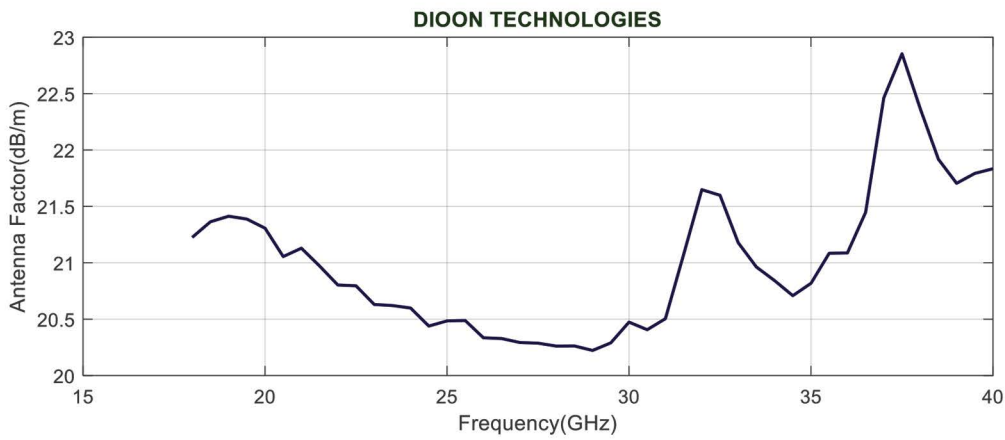
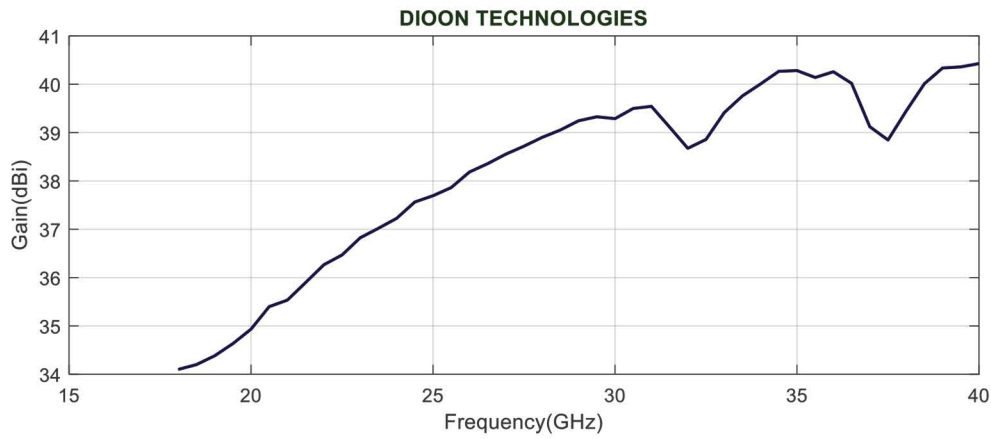


	Gain	Typically 26 ~ 40 dBi
	Power Handling	20 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Dual Linear
	3dB Beamwidth	0.5 to 1.4 degrees
	Connector Type	2x K Type Female
	Weight	≈ 2.2 kg
	Approximate Size	≈ Reflector diameter 360 mm maximum
	Construction	Spun aluminium reflector. Powdercoat finish. Anodised aluminium legs. Composite aluminium plastic radome feed, painted

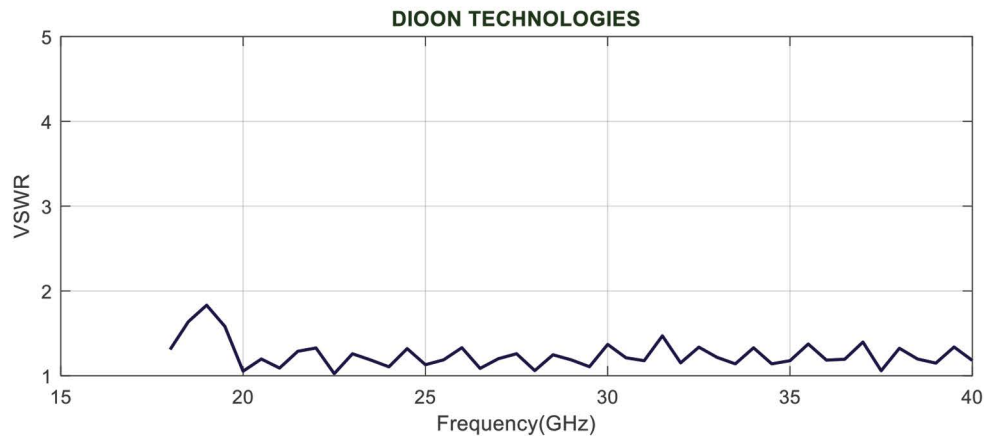
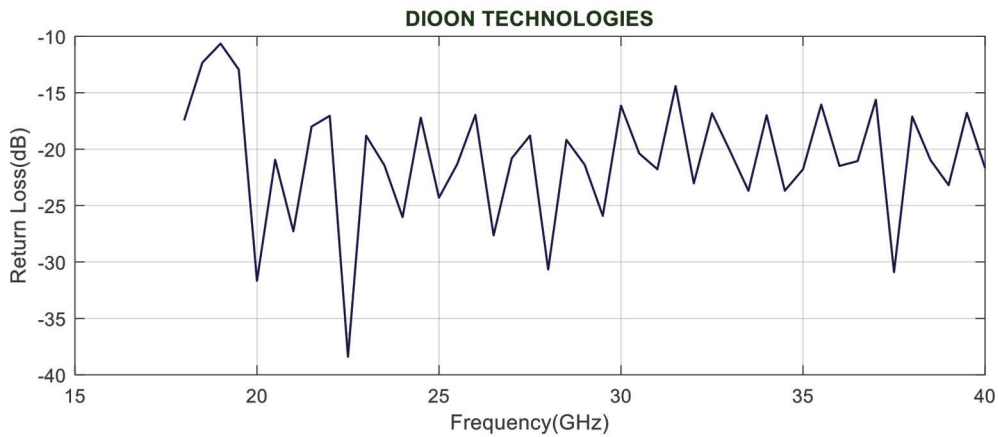


Typical Antenna Gain / Factor

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.

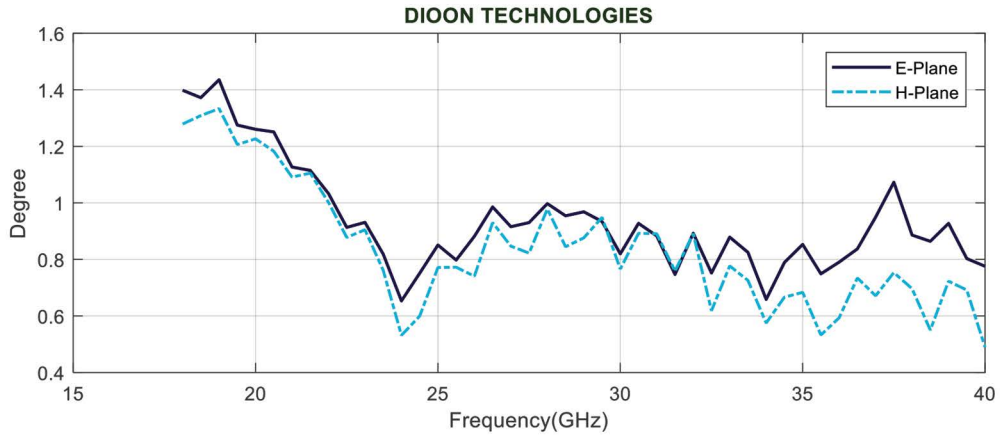


Typical Antenna Return Loss / VSWR

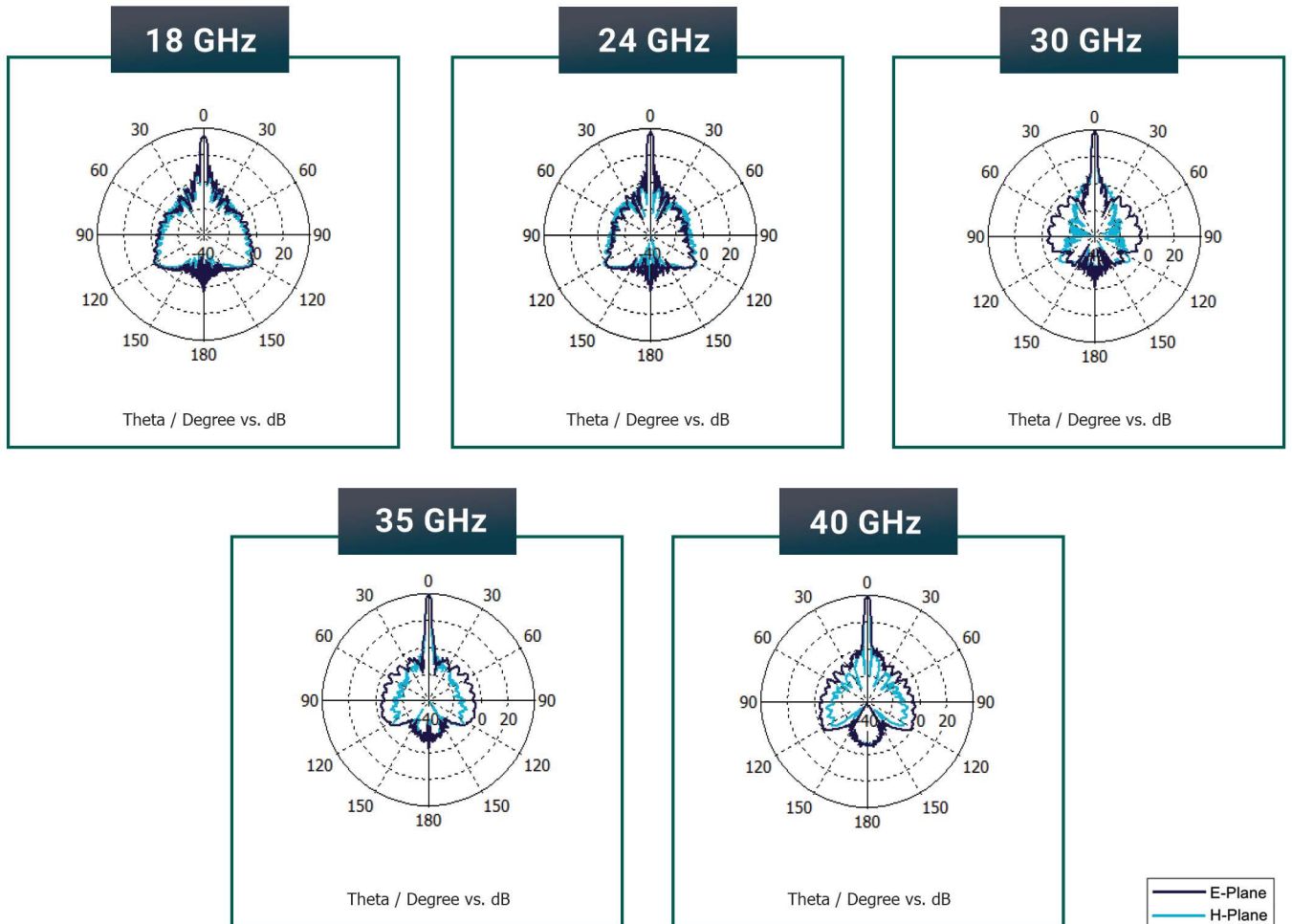




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



— E-Plane
— H-Plane



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