



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



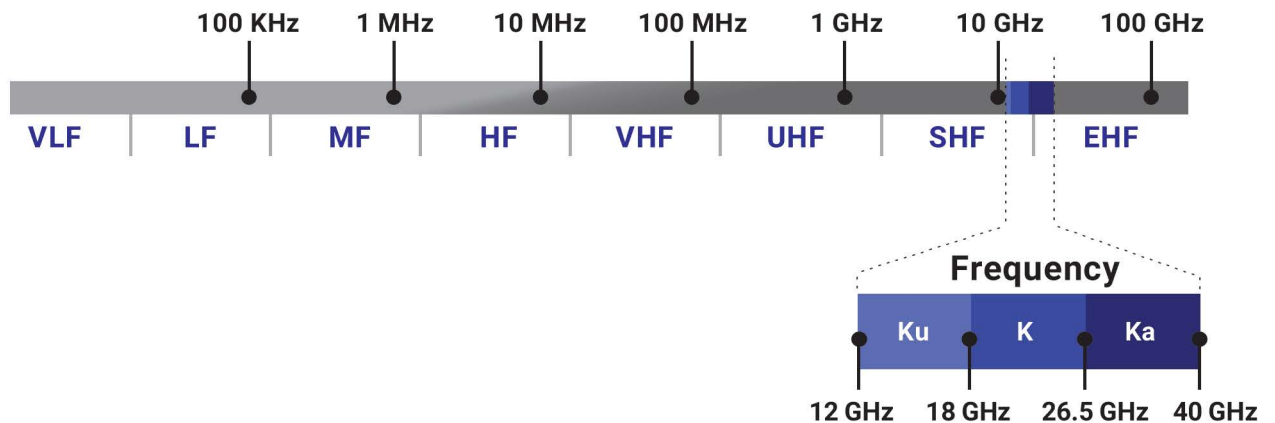
Quad Ridged Wideband Horn Antenna

12 to 40 GHz

Part Number: **WH-12-40-DL-KF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

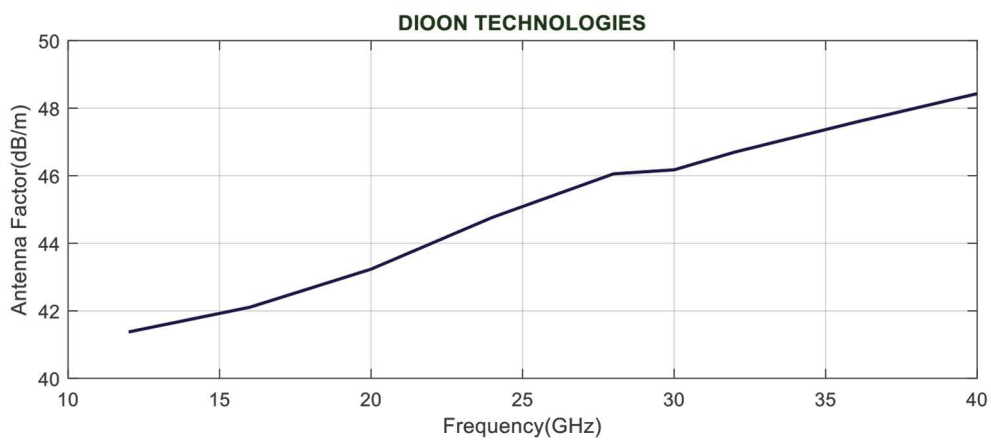
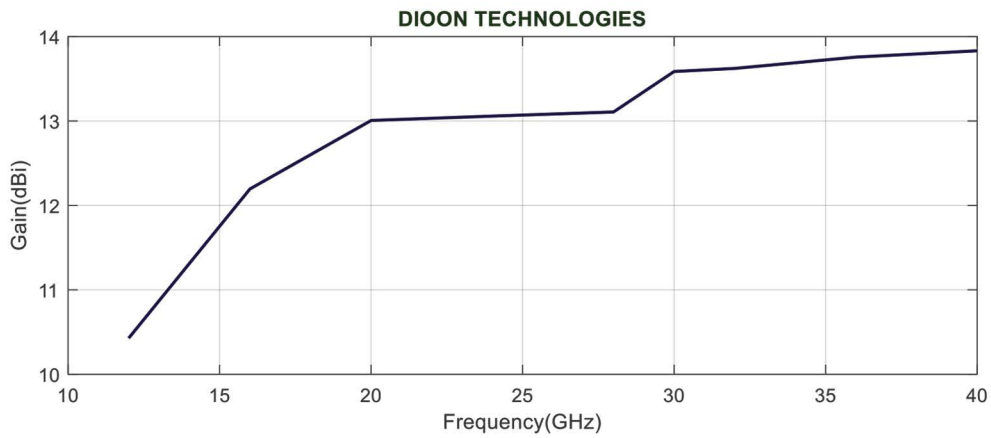


	Gain	Typically 10 ~ 14 dBi
	Power Handling	50 Watts c. w.
	VSWR	Typically <2.6:1
	Polarization	Dual Linear
	3dB Beamwidth	25 to 100 degrees
	Connector Type	K Type Female
	Weight	≈ 250 g
	Approximate Size	≈ 30 mm × 30 mm × 50 mm
	Construction	Aluminum, Painted

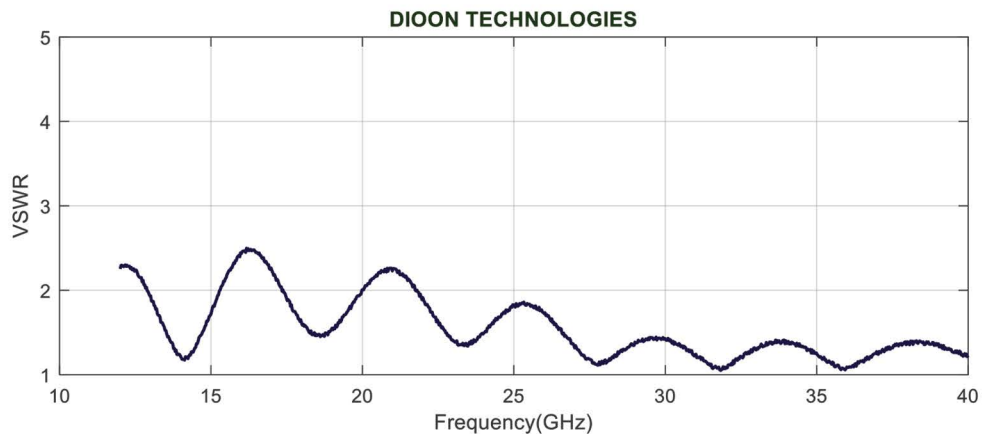
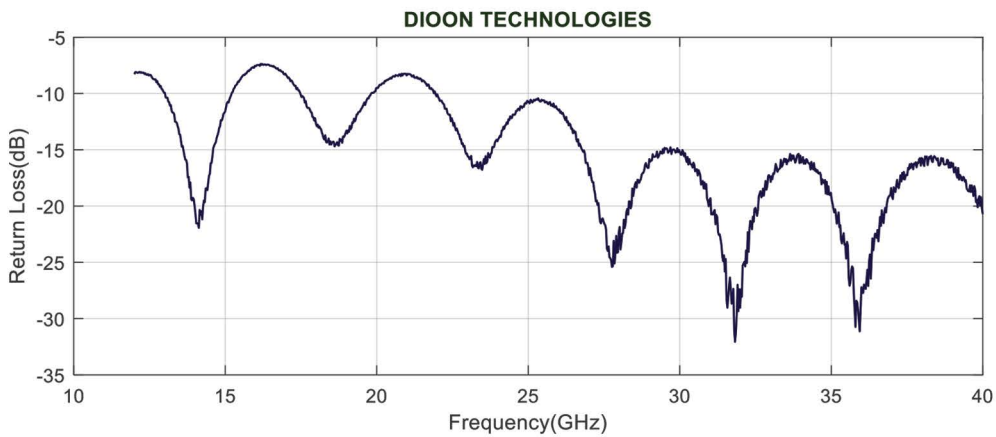


Typical Antenna Gain / Factor

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.

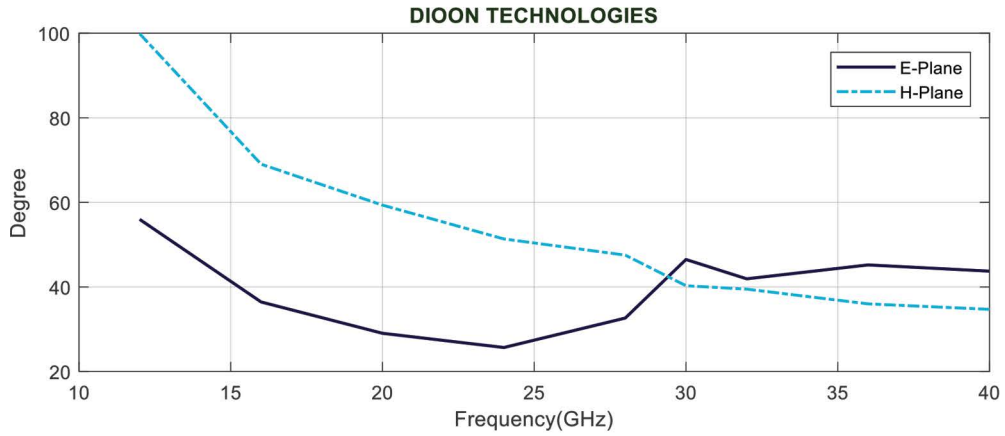


Typical Antenna Return Loss / VSWR

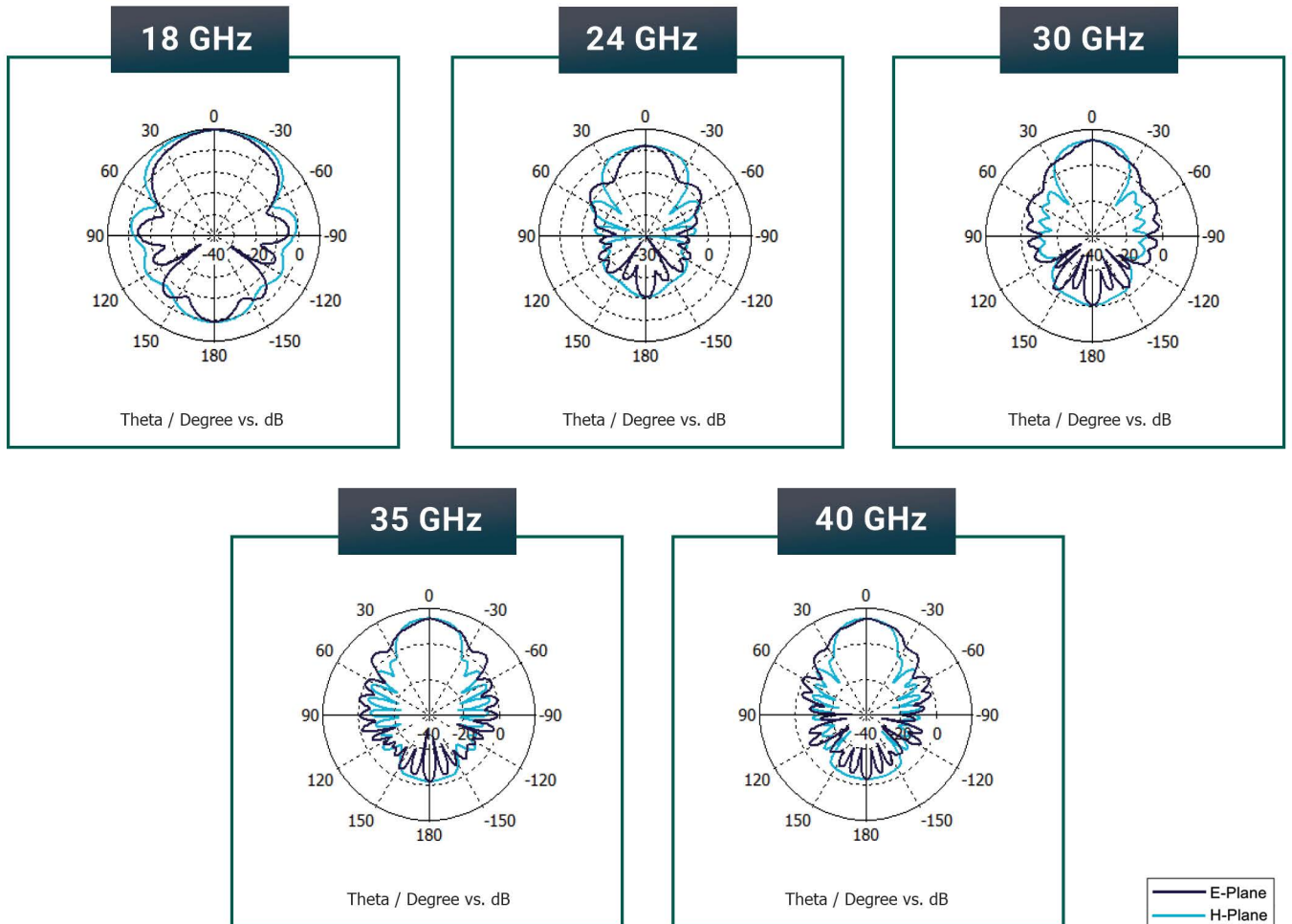




Typical Antenna HPBW



Farfield Directivity Abs (Phi= 0,90)



— E-Plane
 - - - H-Plane



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