



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



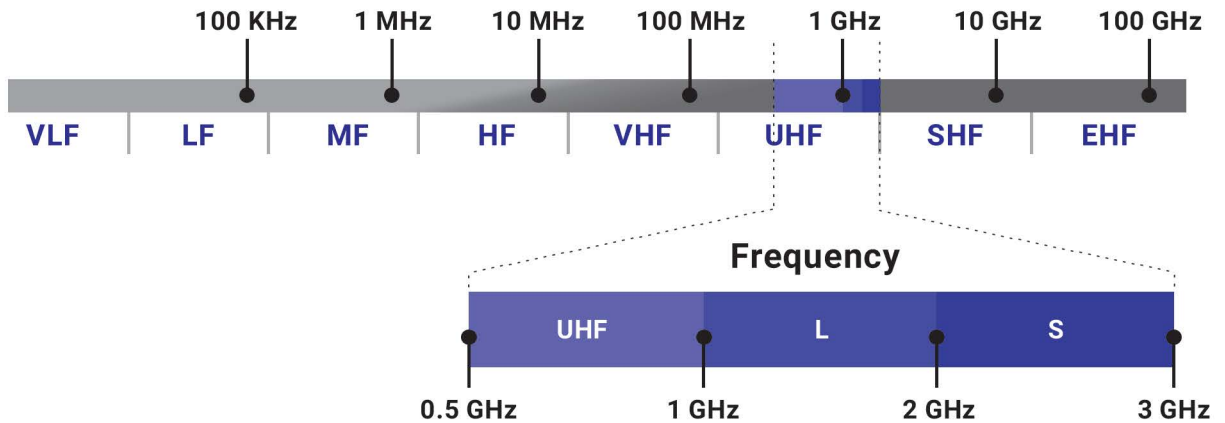
Quad Ridged Wideband Horn Antenna

0.5 to 3 GHz

Part Number: **WH-0.5-3-DL-NF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

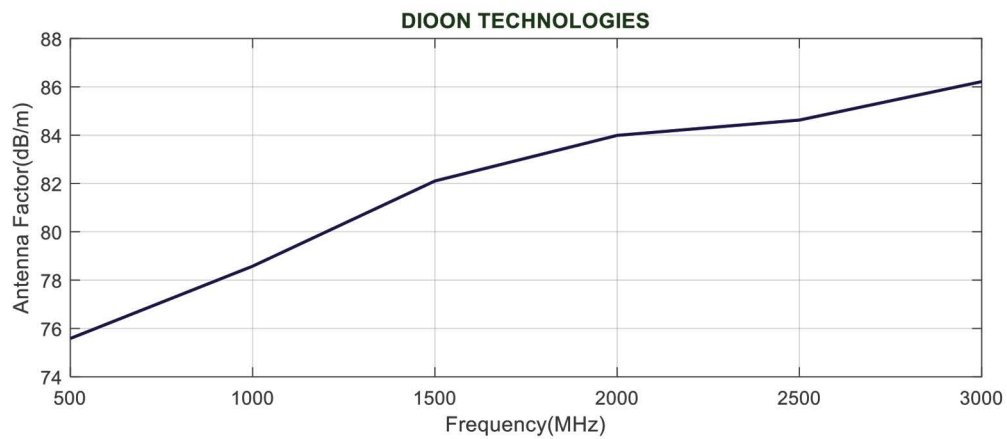
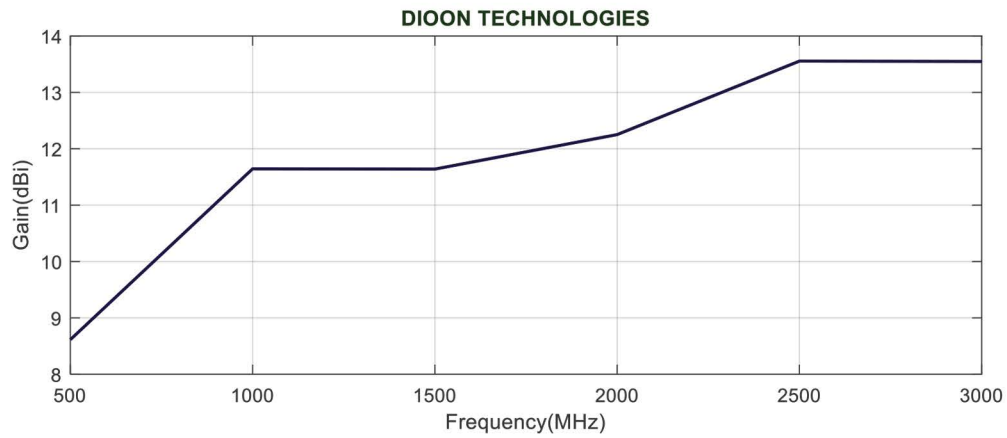


	Gain	Typically 8 ~ 14 dBi
	Power Handling	1400 Watts c. w.
	VSWR	Typically <2:1
	Polarization	Dual Linear
	3dB Beamwidth	26 to 100 degrees
	Connector Type	N Type Female
	Weight	≈ 15 kg
	Approximate Size	≈ 71 cm × 71 cm × 80 cm
	Construction	Aluminum & Painted, Engineering Plastics

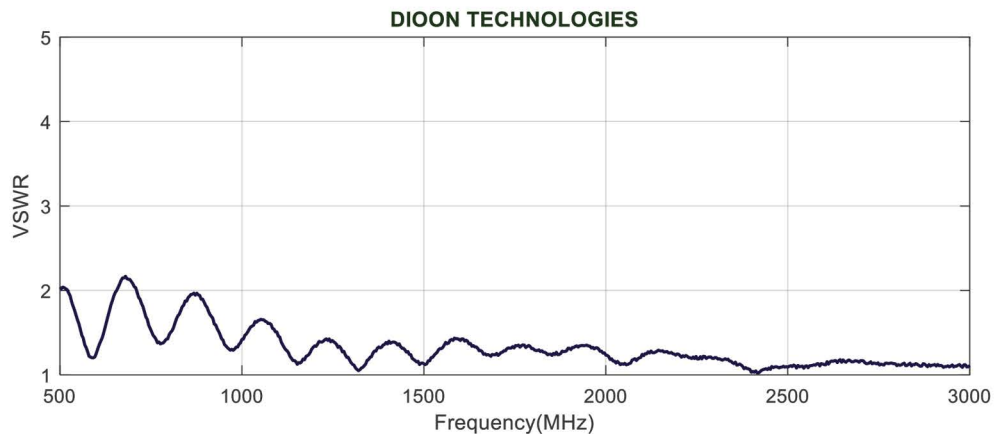
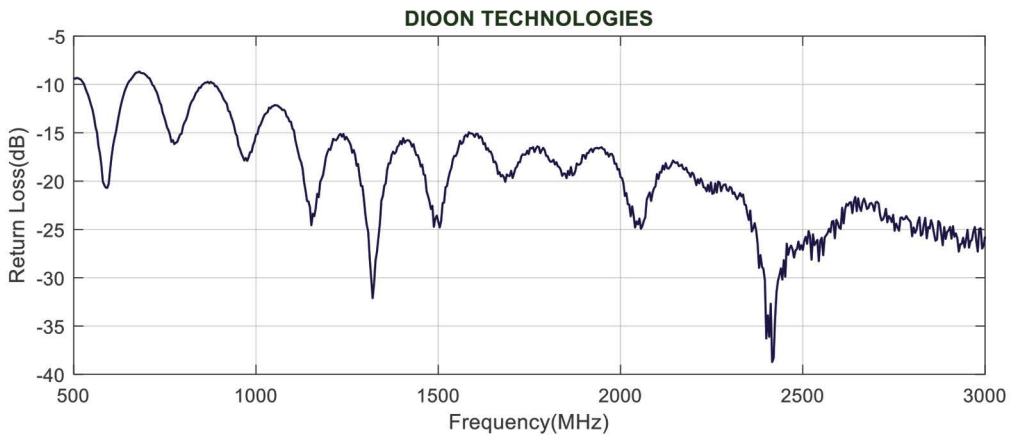


Typical Antenna Gain / Factor

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.

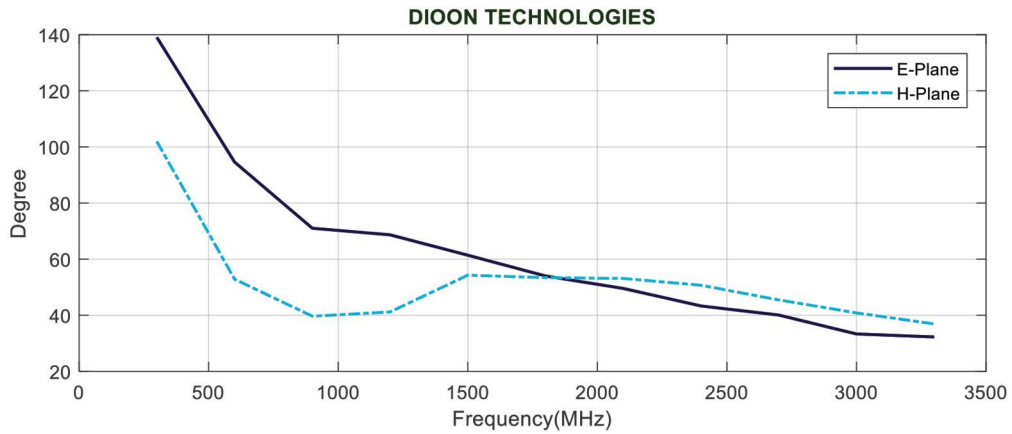


Typical Antenna Return Loss / VSWR



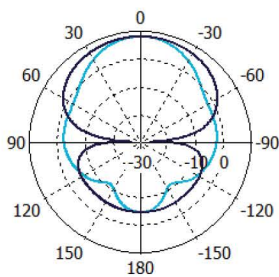


Typical Antenna HPBW



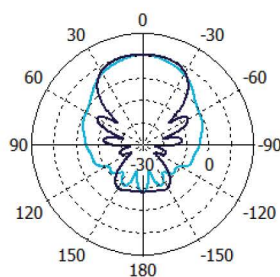
Farfield Directivity Abs (Phi= 0,90)

500 MHz



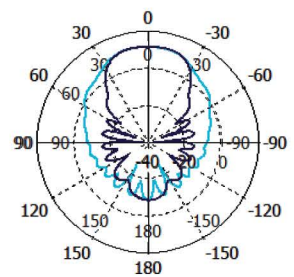
Theta / Degree vs. dB

1.5 GHz



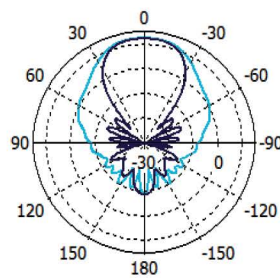
Theta / Degree vs. dB

2 GHz



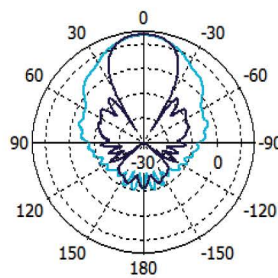
Theta / Degree vs. dB

2.5 GHz



Theta / Degree vs. dB

3 GHz



Theta / Degree vs. dB

— E-Plane
- - - H-Plane



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