



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



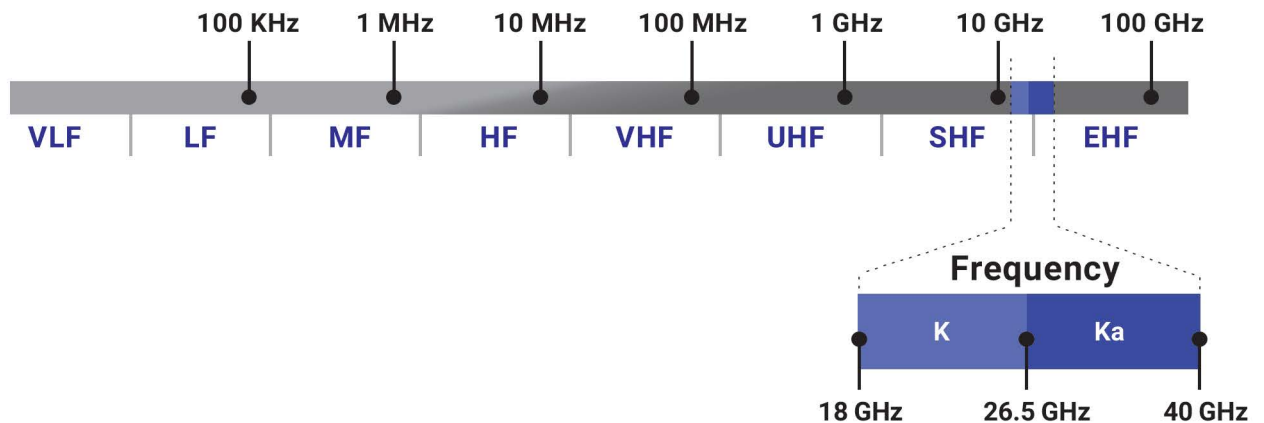
## Quad Ridged Wideband Horn Antenna

18 to 40 GHz

Part Number: **WH-18-40-DL-KF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

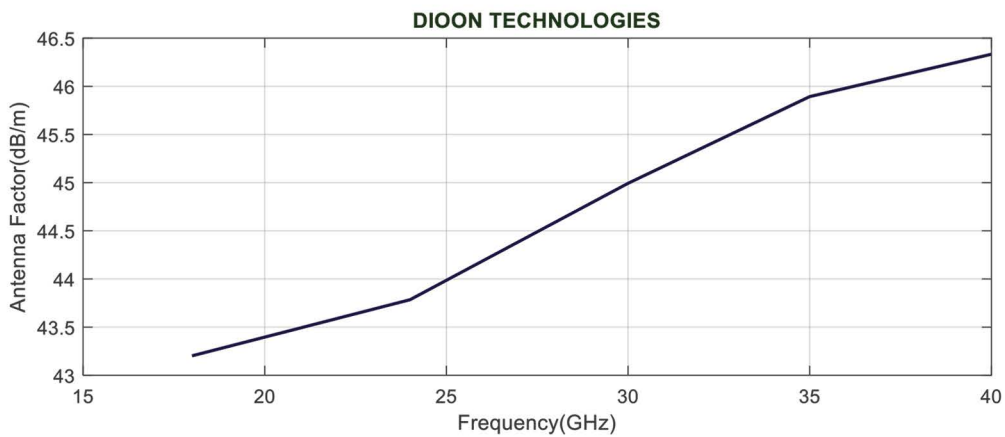
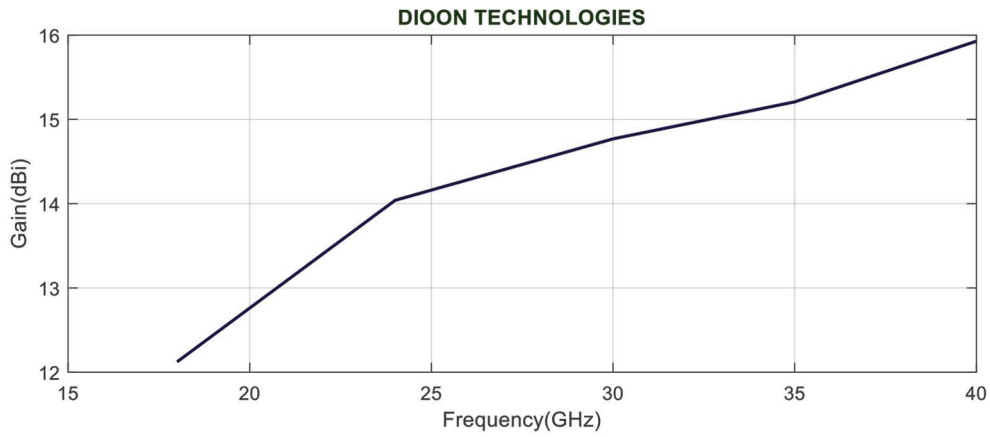


	<b>Gain</b>	Typically 12 ~ 16 dBi
	<b>Power Handling</b>	50 Watts c. w.
	<b>VSWR</b>	Typically <2.3:1
	<b>Polarization</b>	Dual Linear
	<b>3dB Beamwidth</b>	23 to 44 degrees
	<b>Connector Type</b>	K Type Female
	<b>Weight</b>	≈ 250 g
	<b>Approximate Size</b>	≈ 30 mm × 30 mm × 55 mm
	<b>Construction</b>	Aluminum, Painted

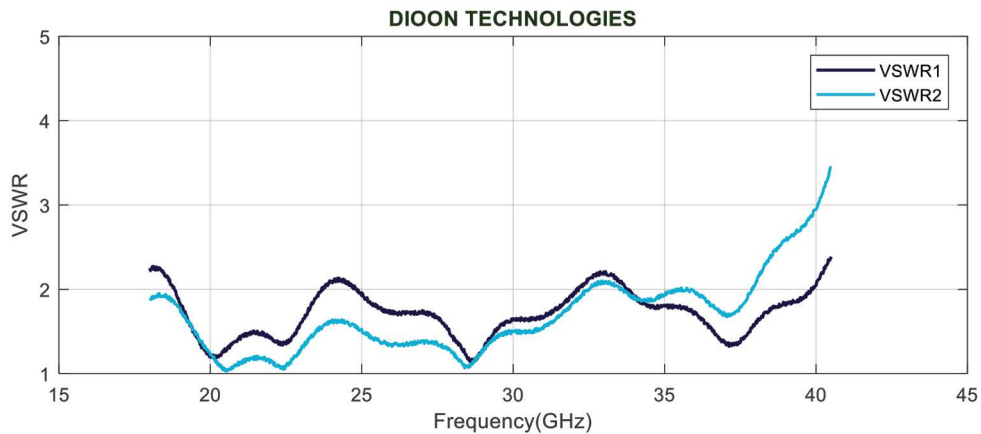
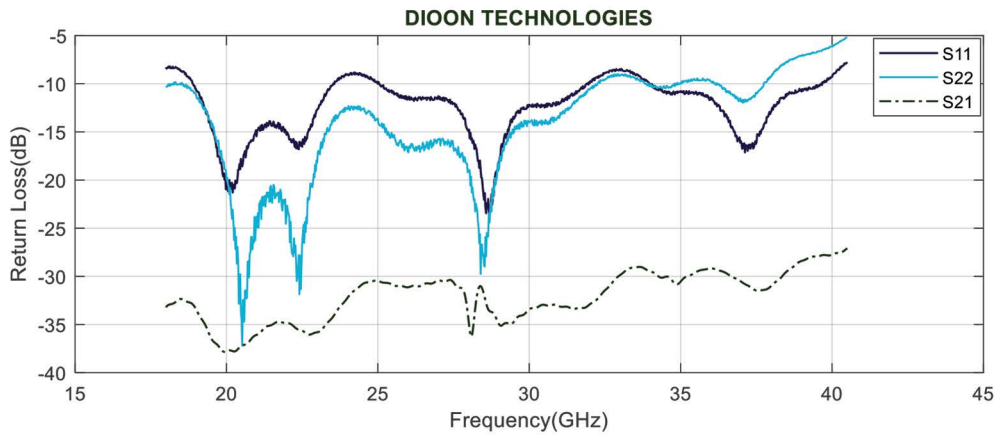


## Typical Antenna Gain / Factor

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.

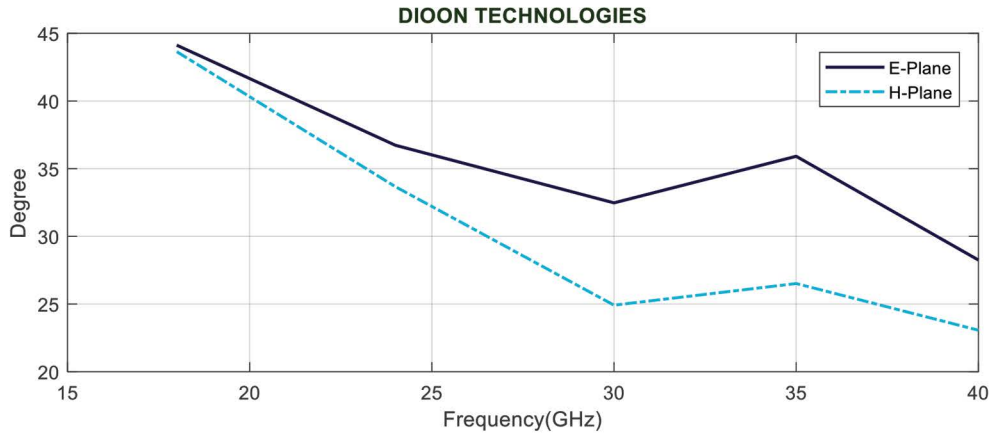


## Typical Antenna Return Loss / VSWR





# Typical Antenna HPBW



# Farfield Directivity Abs (Phi= 0,90)



— E-Plane  
- - - H-Plane



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