



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



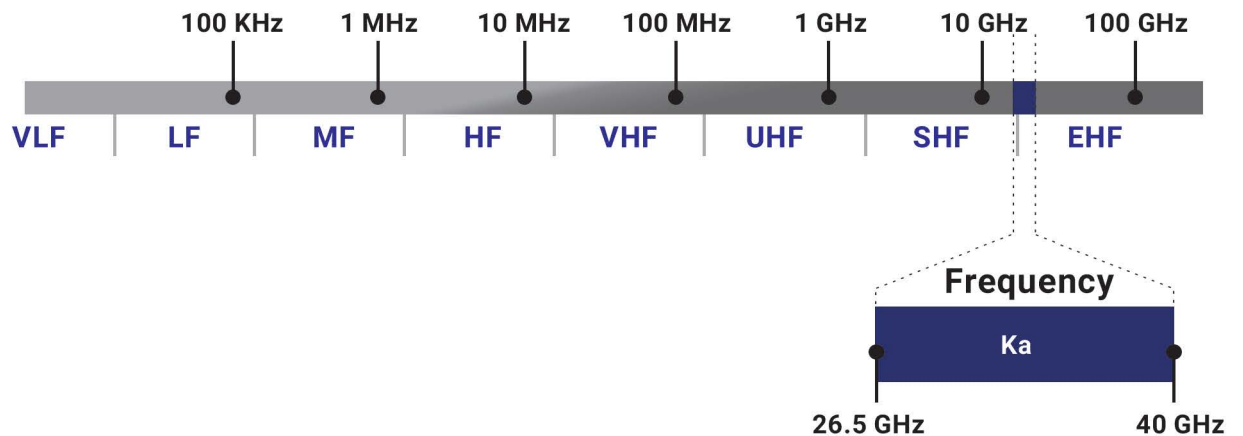
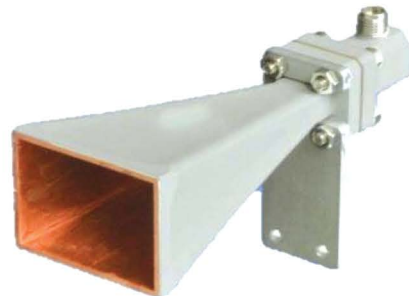
Standard Horn Antenna

26.5 to 40 GHz

Part Number: **SH-26.5-40-SL-KF**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

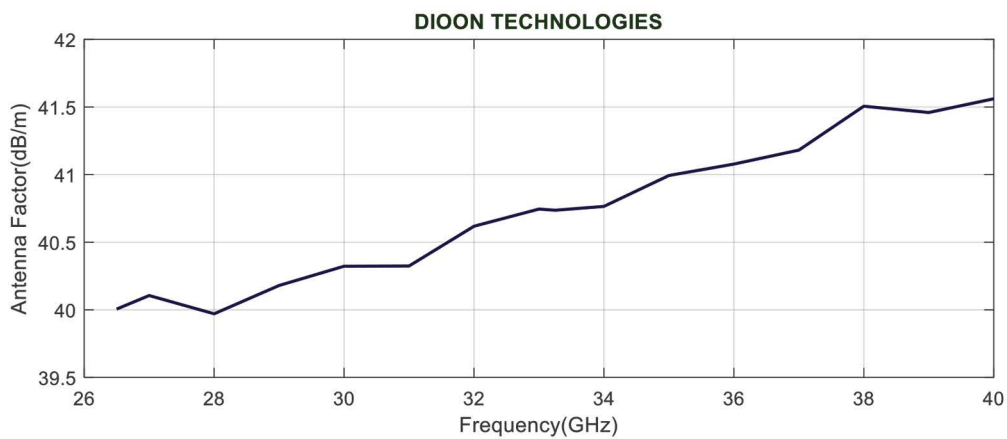
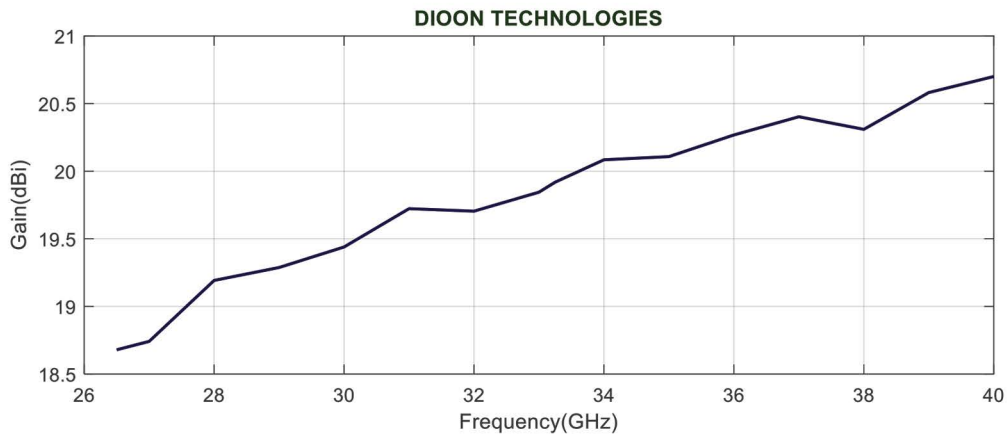


	Gain	Typically 18 ~ 21 dBi
	Power Handling	100 Watts c. w.
	VSWR	Typically <1.7:1
	Polarization	Single Linear
	3dB Beamwidth	12 to 21 degrees
	Connector Type	K Type Female
	Weight	≈ 400 g
	Approximate Size	≈ 45mm × 35mm × 60mm
	Construction	Aluminum & Painted

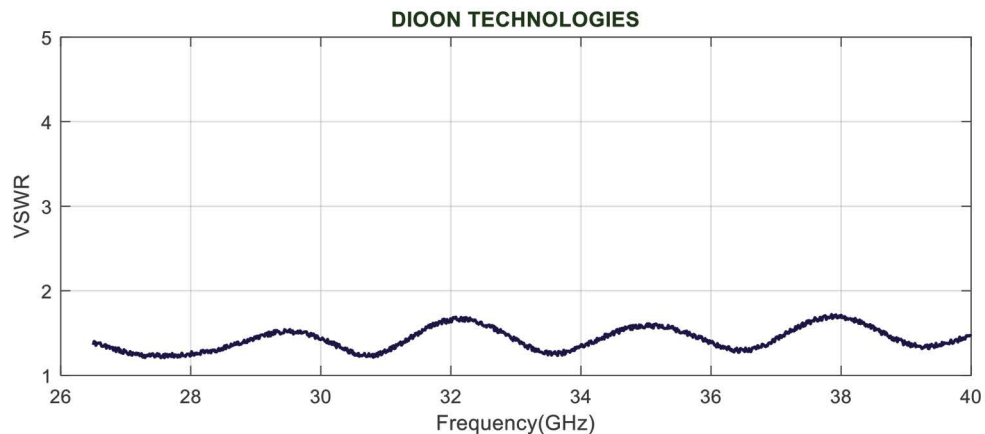
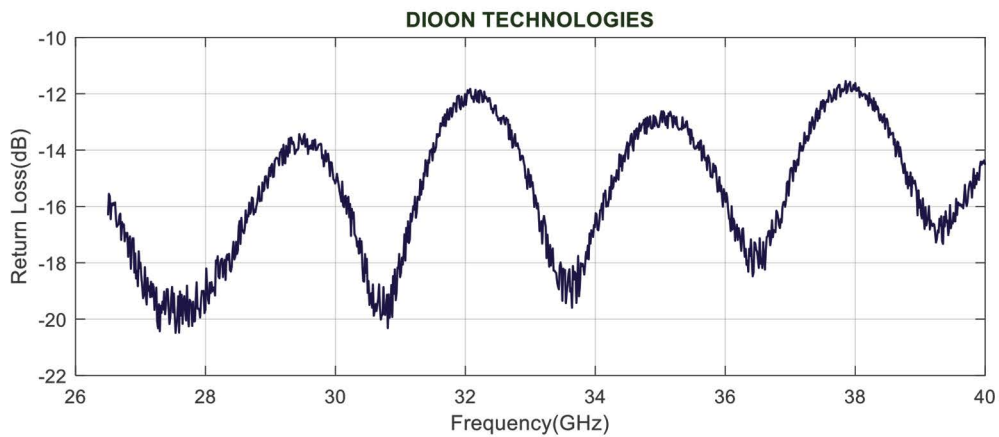


Typical Antenna Gain / Factor

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.

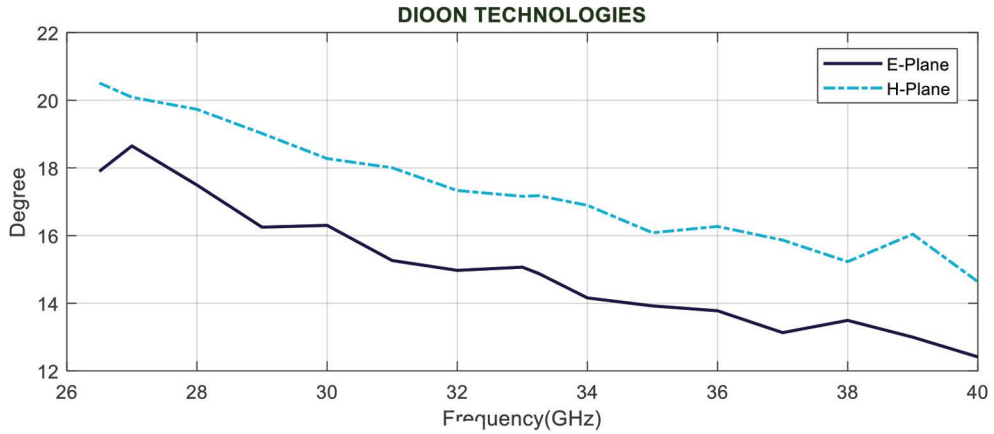


Typical Antenna Return Loss / VSWR



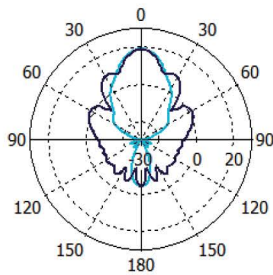


Typical Antenna HPBW



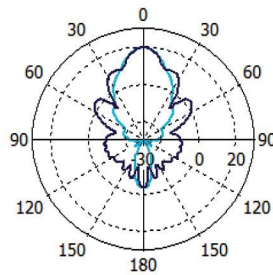
Farfield Directivity Abs (Phi= 0,90)

26.5 GHz



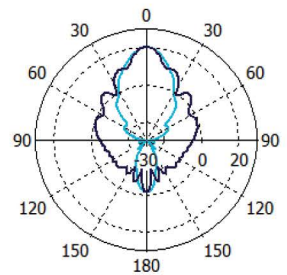
Theta / Degree vs. dB

30 GHz



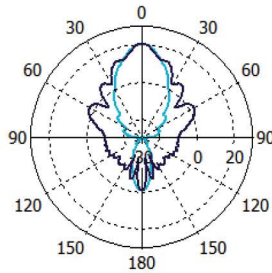
Theta / Degree vs. dB

34 GHz



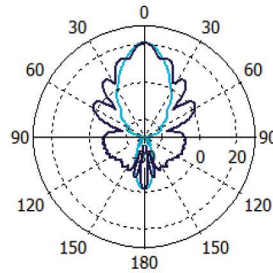
Theta / Degree vs. dB

38 GHz



Theta / Degree vs. dB

40 GHz



Theta / Degree vs. dB

— E-Plane
 - - - H-Plane



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