



TECHNOLOGIES

TELECOMMUNICATION

DT Antenna Product



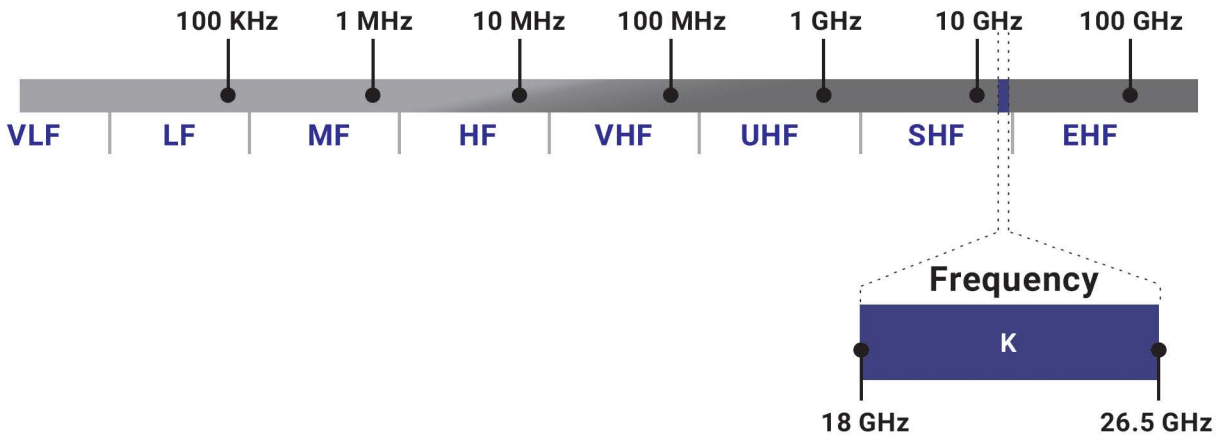
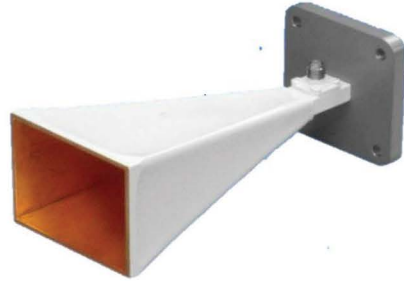
Standard Horn Antenna

18 to 26.5 GHz

Part Number: **SH-18-26.5-SL-KF-R**

Contents: Typical Gain / Antenna Factor

Typical Beamwidth / Patterns

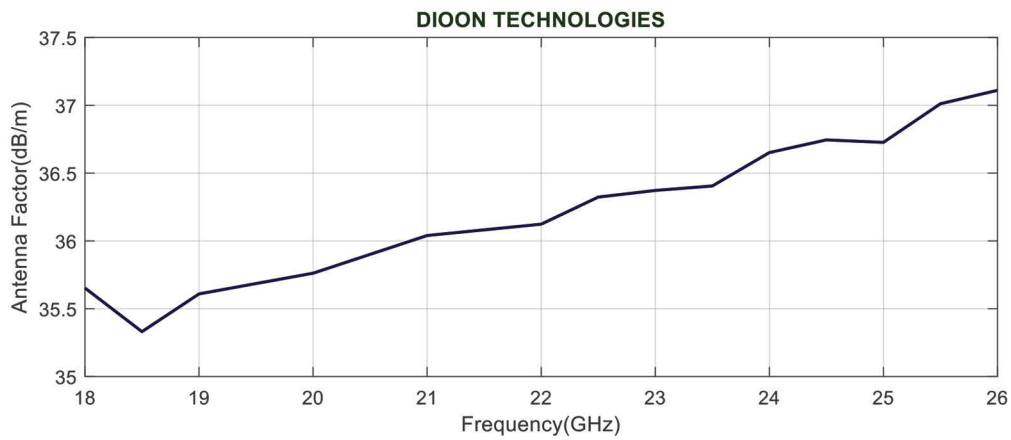
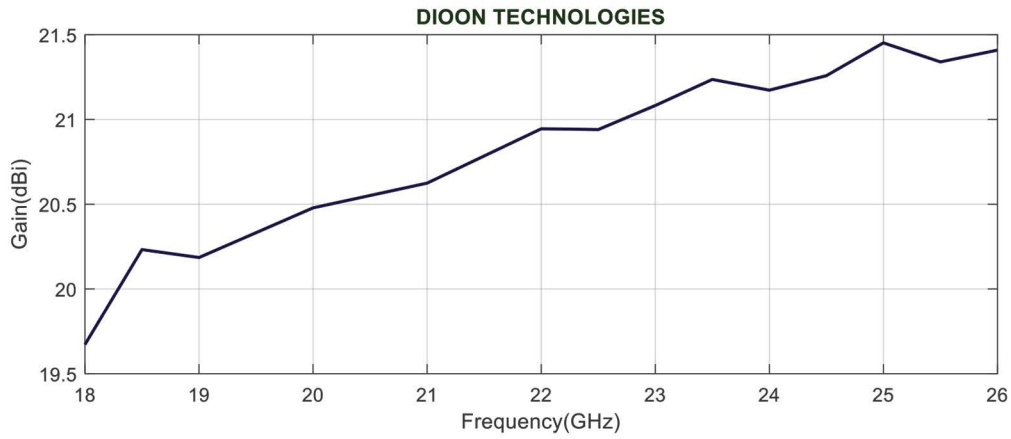


	Gain	Typically 19 ~ 22 dBi
	Power Handling	100 Watts c. w.
	VSWR	Typically <1.7:1
	Polarization	Single Linear
	3dB Beamwidth	11 to 17.5 degrees
	Connector Type	K Type Female
	Weight	≈ 600 g
	Approximate Size	≈ 70mm × 55mm × 105mm
	Construction	Aluminum & Painted, Engineering Plastics

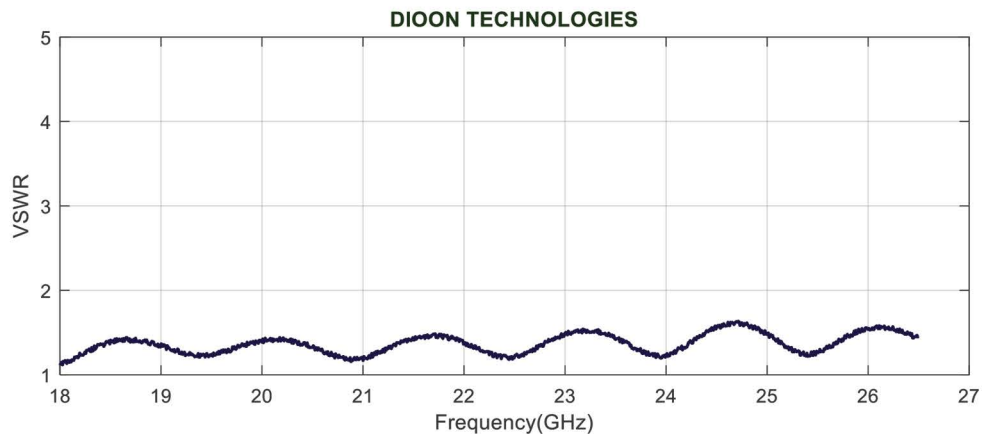
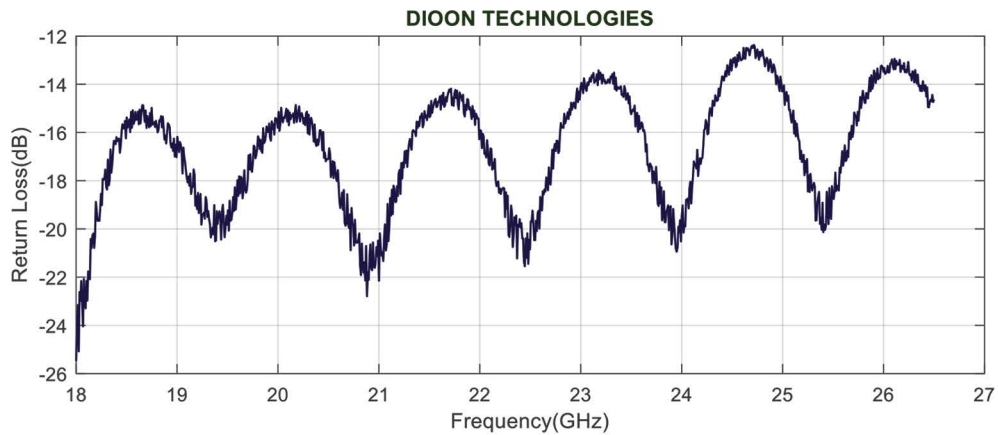


Typical Antenna Gain / Factor

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.



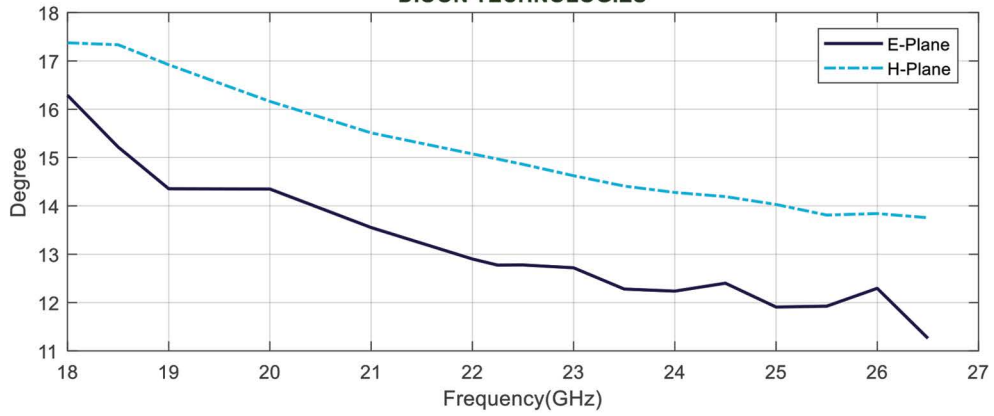
Typical Antenna Return Loss / VSWR





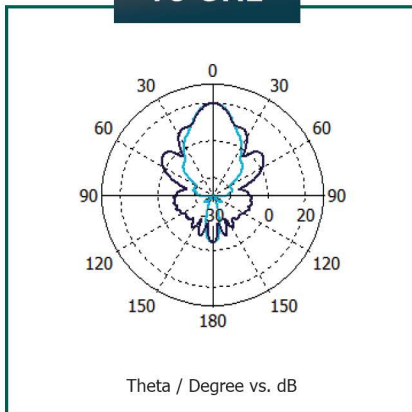
Typical Antenna HPBW

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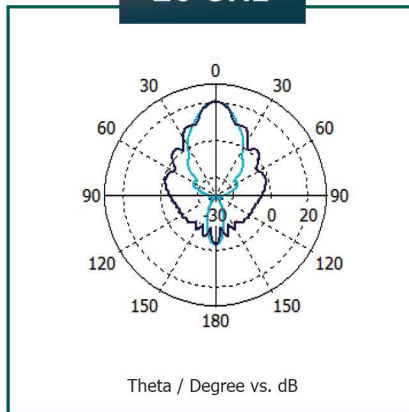


Farfield Directivity Abs (Phi= 0,90)

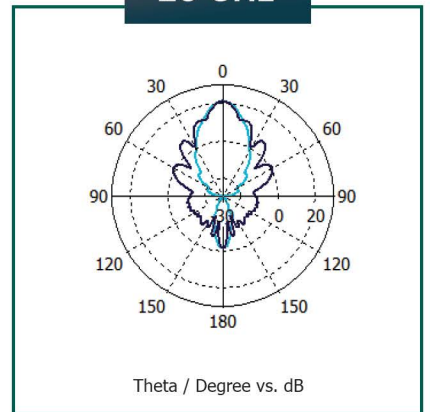
18 GHz



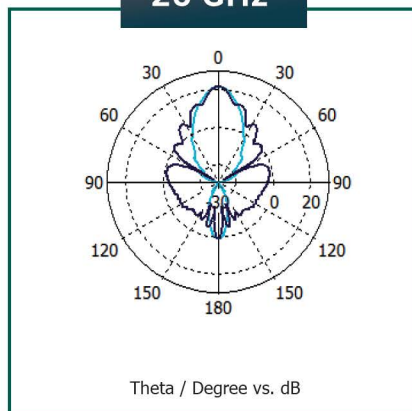
20 GHz



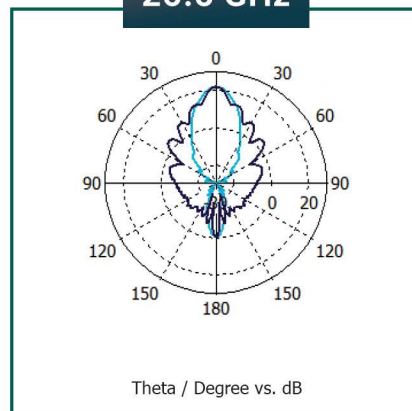
23 GHz



25 GHz



26.5 GHz



— E-Plane
— H-Plane



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