



Antenna 12.4-18 GHz 10 dB Gain

Description

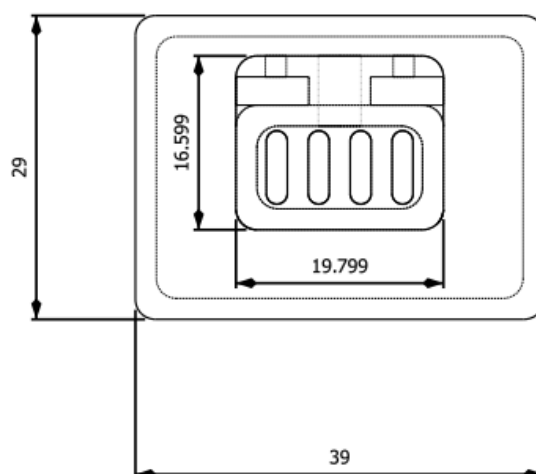
This Horn antenna operates for a frequency from 12.4 GHz to 18 GHz. It offers a typical value of 10 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



Technical specifications

Frequency (GHz)	12.4-18
Simulated Gain (dB)	10 Typ.
VSWR max	1.50
Connector	SMA-F
Waveguide	WR62
Size (mm)	39*29*55
Weight	16 g

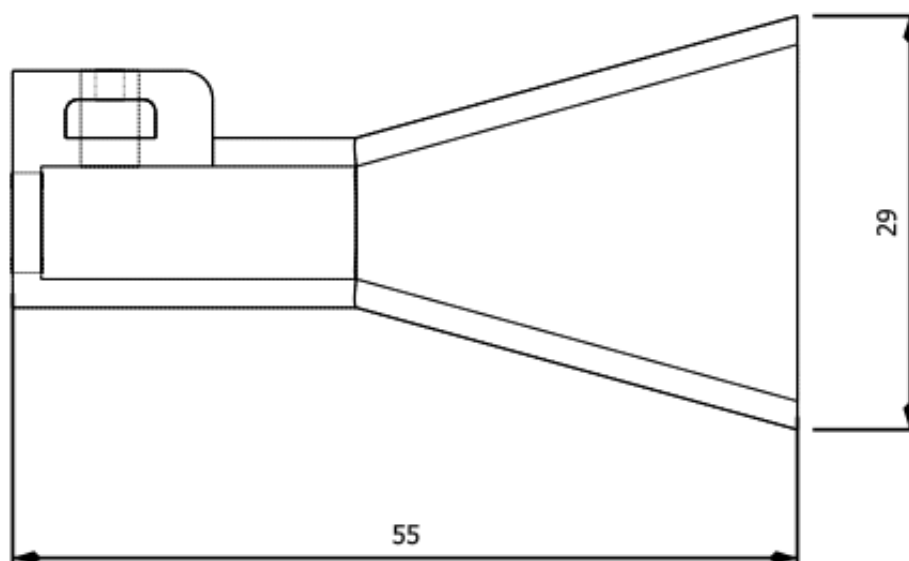
Dimensional Drawing





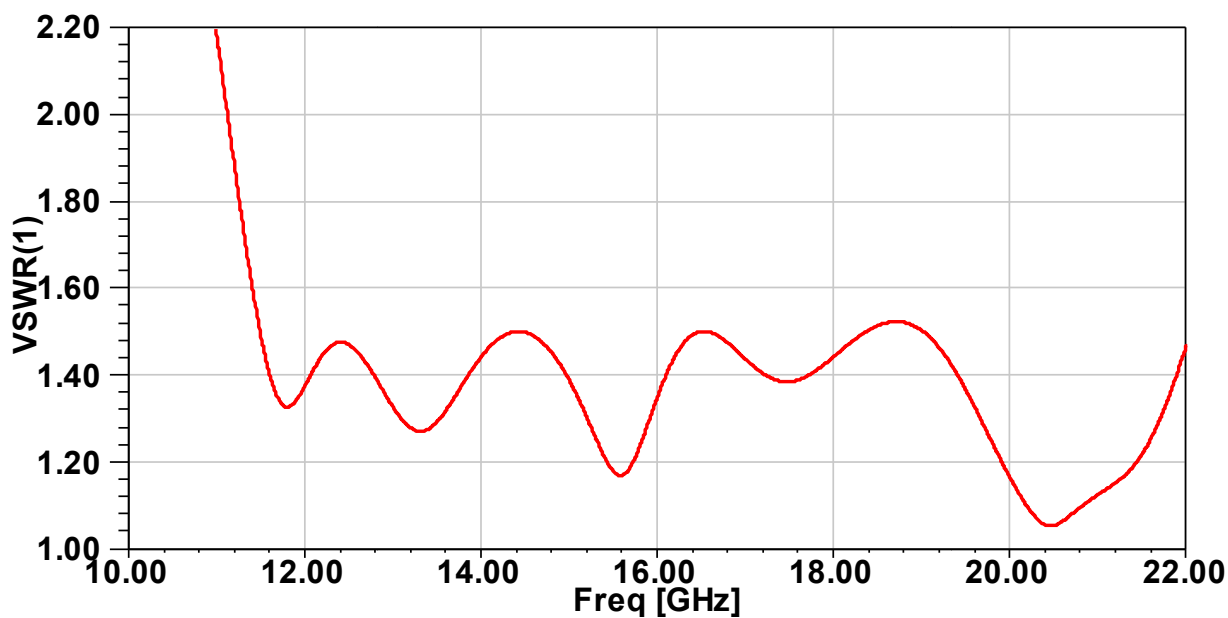
Antenna 12.4-18 GHz 10 dB Gain

elliptika®



Simulation results

1. VSWR

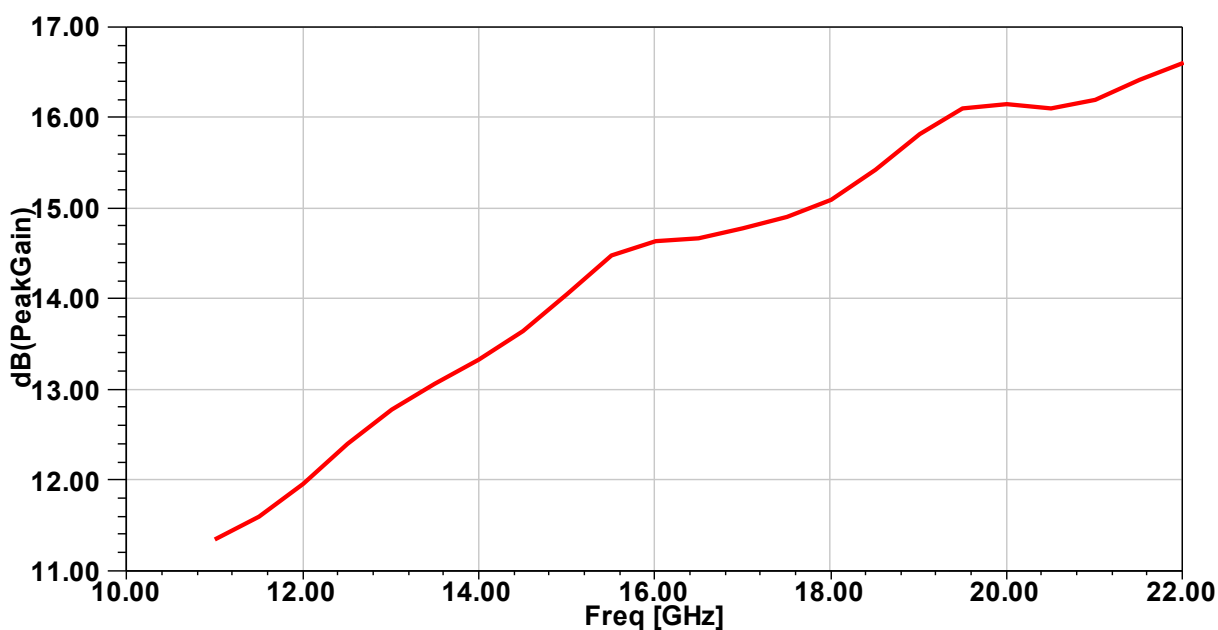




Antenna 12.4-18 GHz 10 dB Gain

elliptika®

2.Gain



Measurement results(Reflection coefficient)

