

# Antenna 2-18 GHz 12 dB Gain

## Description

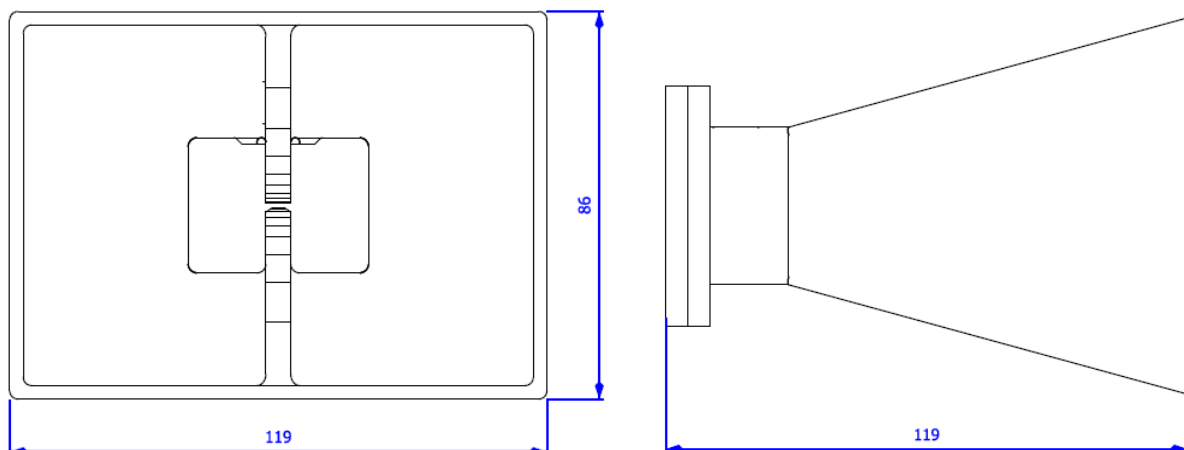
This Horn antenna operates at a frequency of 2 GHz to 18 GHz. It offers a typical gain of 12 dB. This antenna is lighter than a conventionally machined one due to the use of 3D printing technologies.



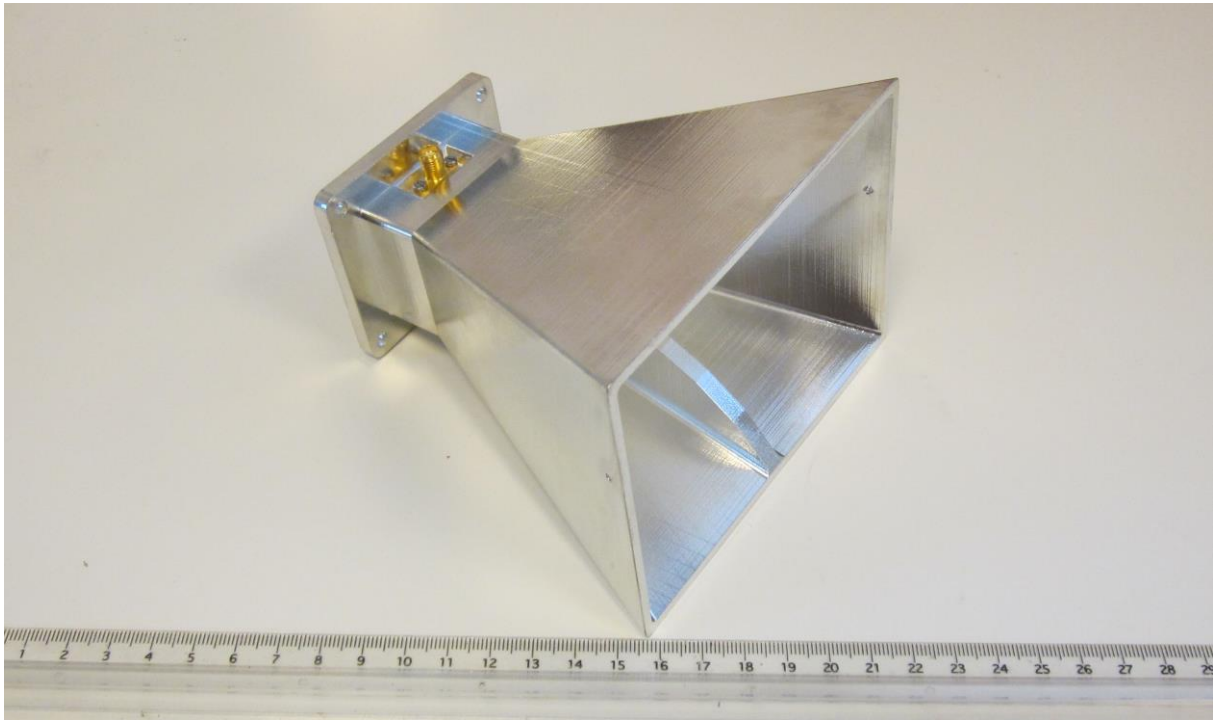
## Technical specifications

Frequency(GHz)	2 - 18
Simulated Gain(dB)	12 Typ.
Connector	2.92
Size (mm)	119 x 119 x 86
Weight (g)	180

## Dimensions and pictures

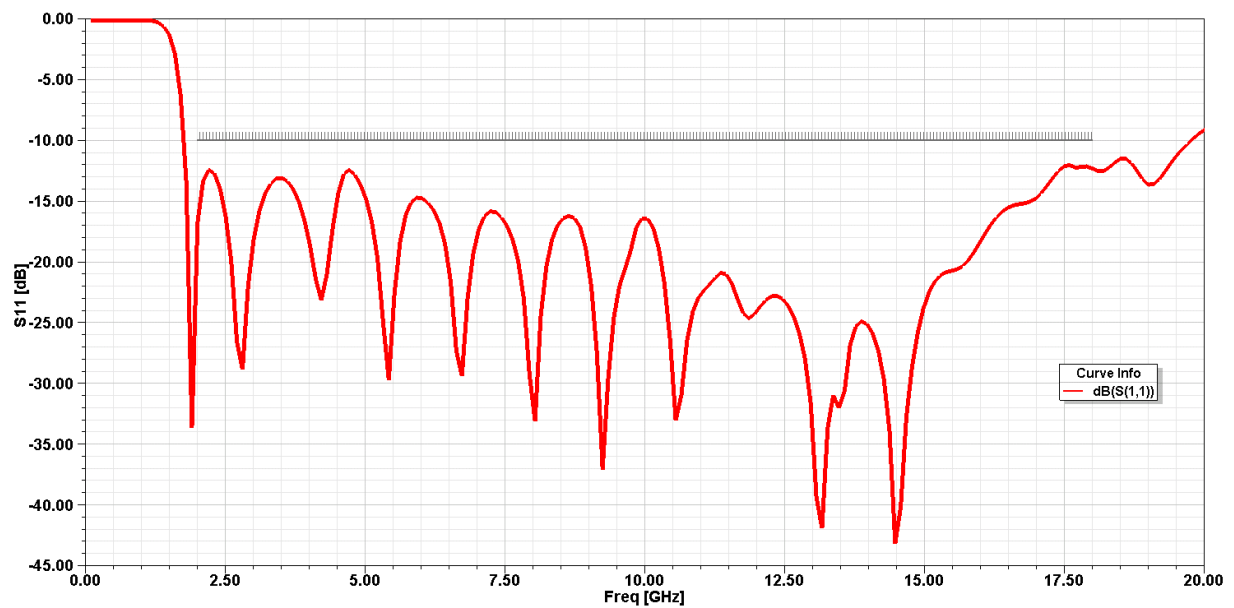


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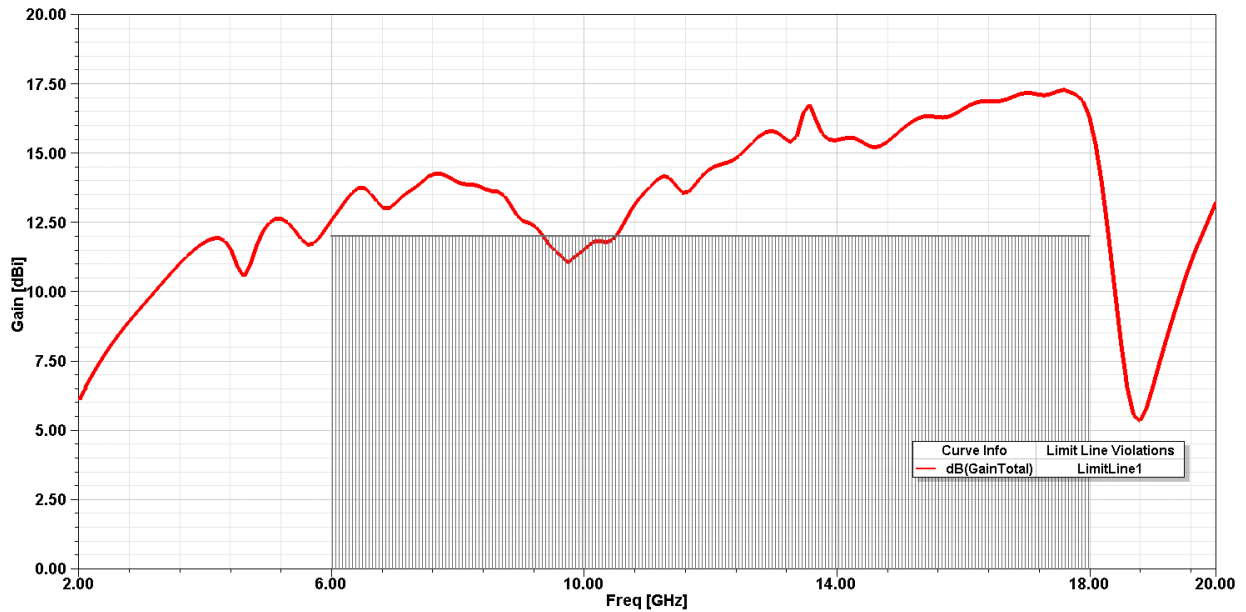
## Simulation results

### 1-Reflection coefficient

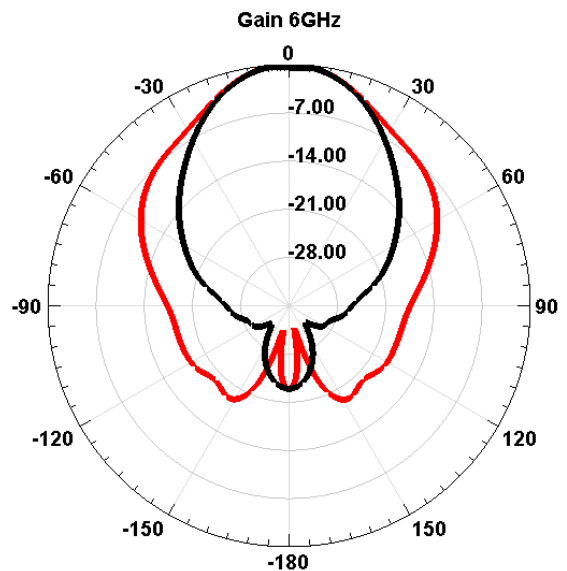
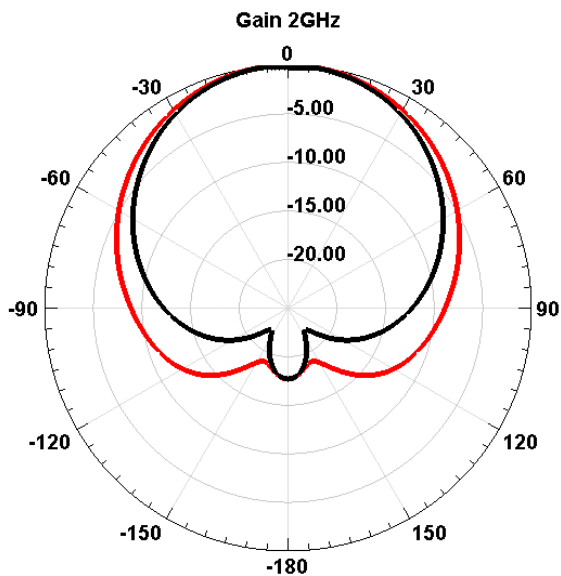


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## 2-Gain vs Frequency



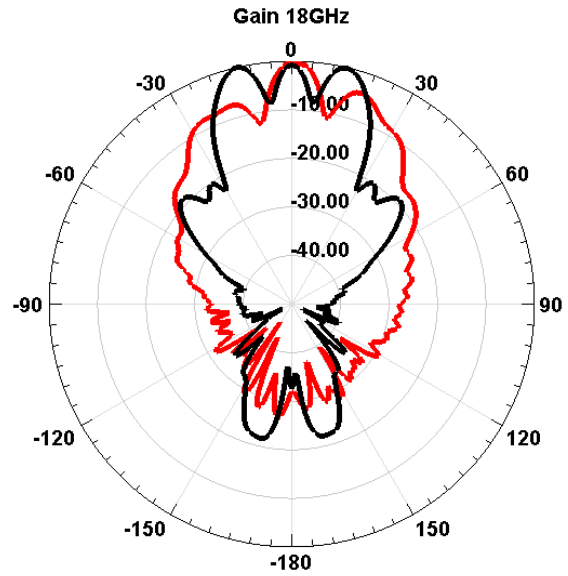
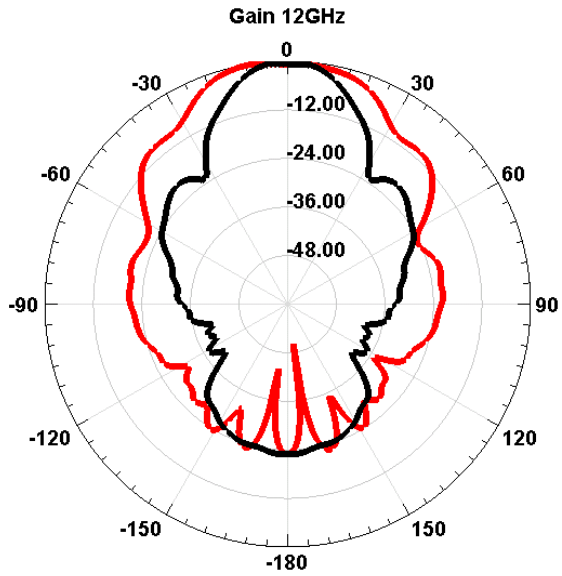
## 3-Radiation patterns





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## 4-VSWR

