

# Antenna 7.0-10.0 GHz 10 dB Gain

ELL-A3D-SP-070010001000-01

## Description

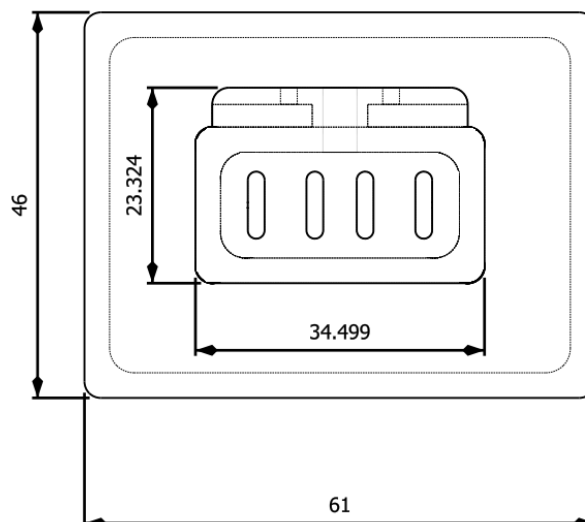
This Horn antenna operates for a frequency from 7.0 GHz to 10.0 GHz. It offers a typical value of 10 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



## Technical specifications

Frequency (GHz)	7.0-10.0
Simulated Gain (dB)	10 Typ.
VSWR max	1.75
Connector	SMA-F
Waveguide	WR112
Size (mm)	61*46*90
Weight	49 g

## Dimensional Drawing

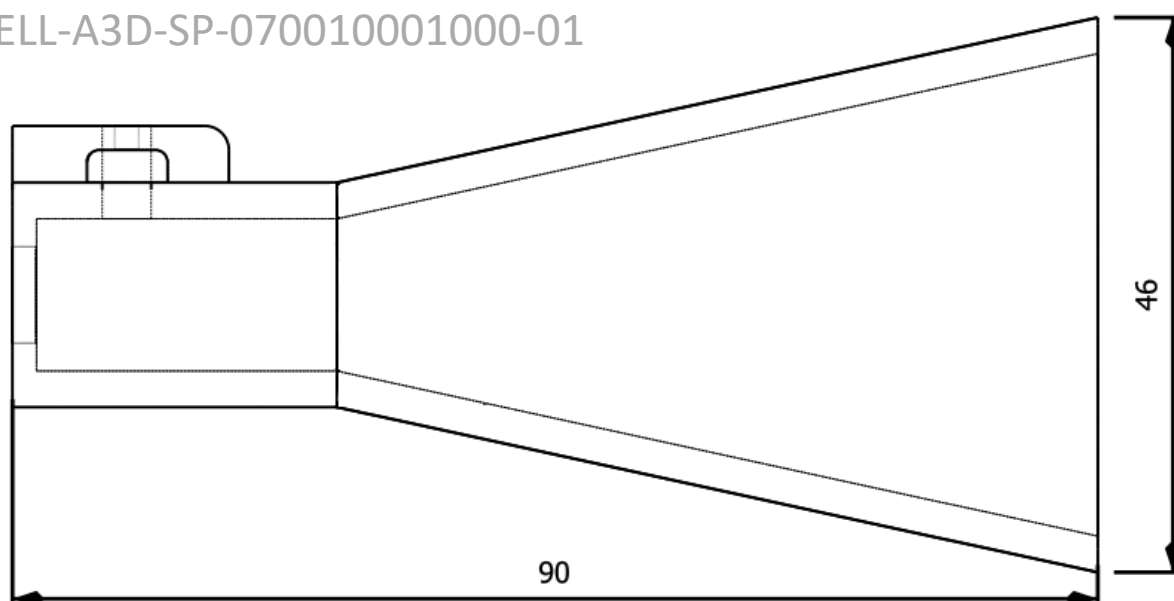




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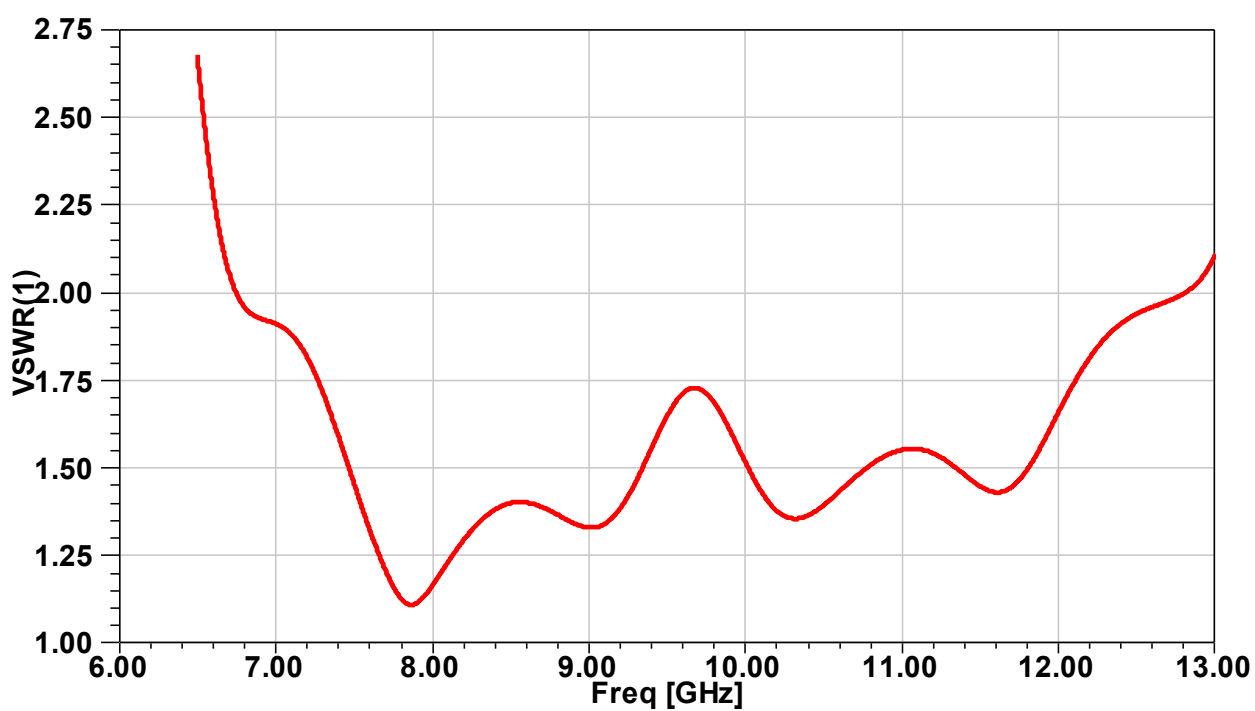
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## Simulation results

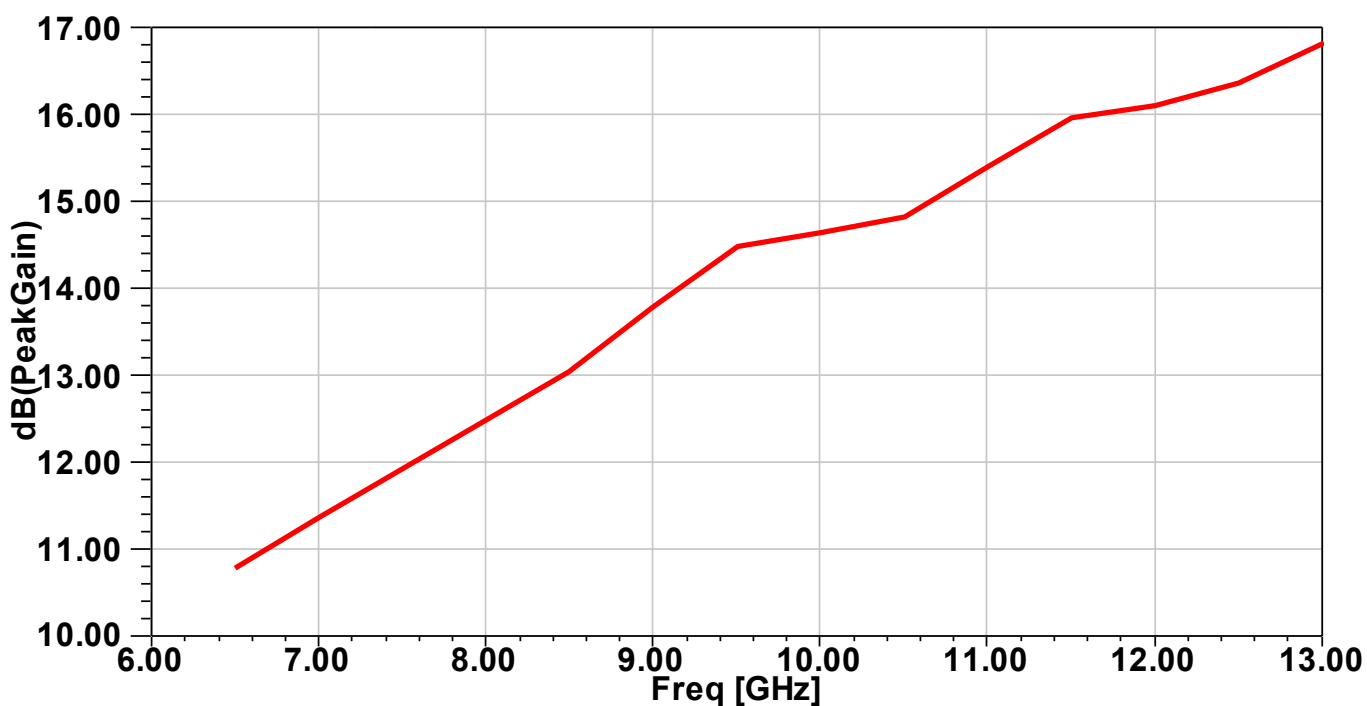
### 1. VSWR





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2.Gain ELL-A3D-SP-070010001000-01



## Measurement results (Reflection coefficient)

