

# Antenna 22-33 GHz 15 dB Gain

ELL-A3D-SP-220033001500-02

## Description

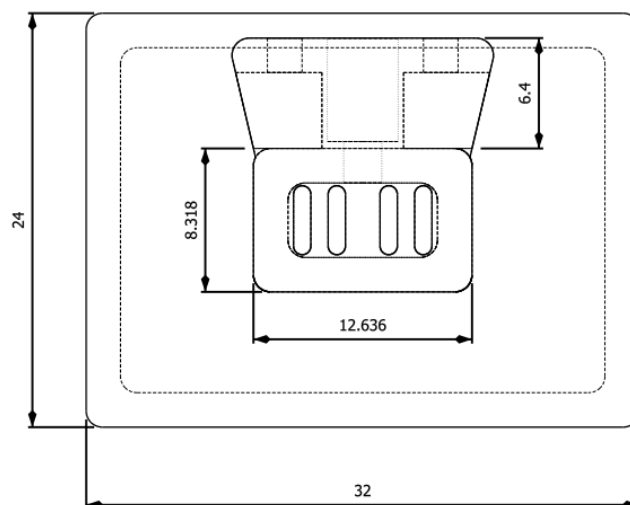
This Horn antenna operates for a frequency from 22 GHz to 33 GHz. It offers a typical value of 15 dB gain. The particularity of this antenna is its lightness. Indeed, this antenna is lighter than a machining one due to the realization by a 3D printer.



## Technical specifications

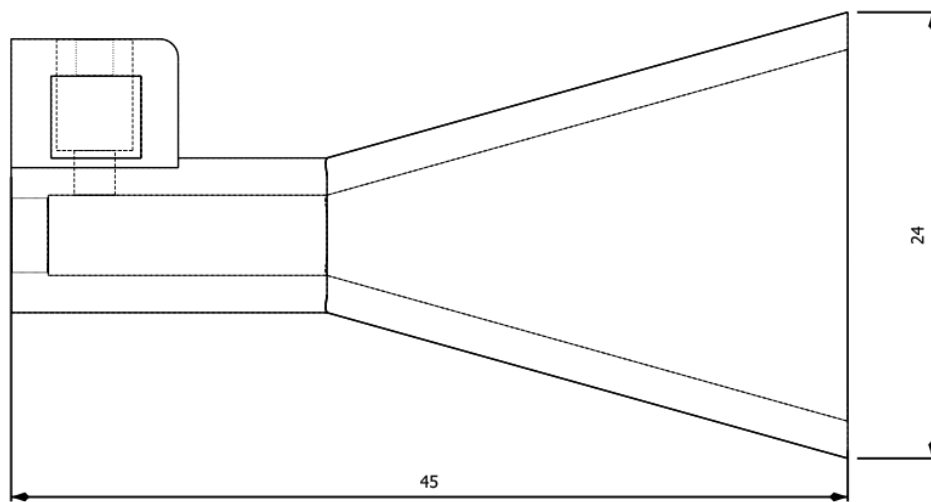
Frequency (GHz)	22-33
Simulated Gain (dB)	15 Typ.
VSWR max	1.85
Connector	SMA-F
Waveguide	WR34
Size (mm)	32*24*45
Weight	11 g

## Dimensional Drawing



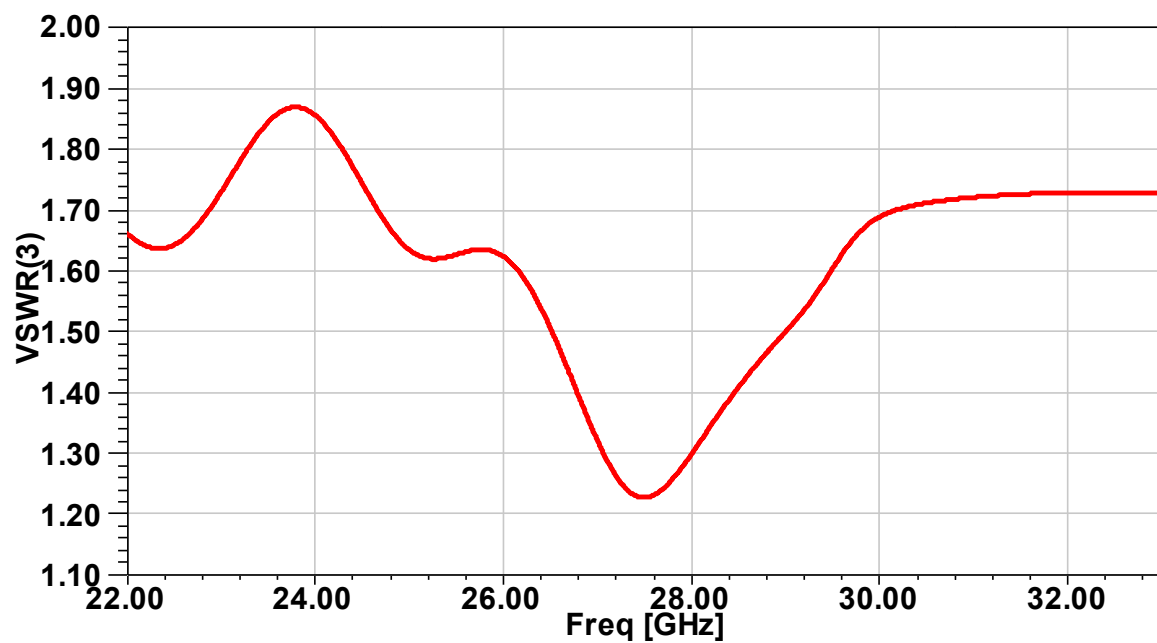
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## Simulation results

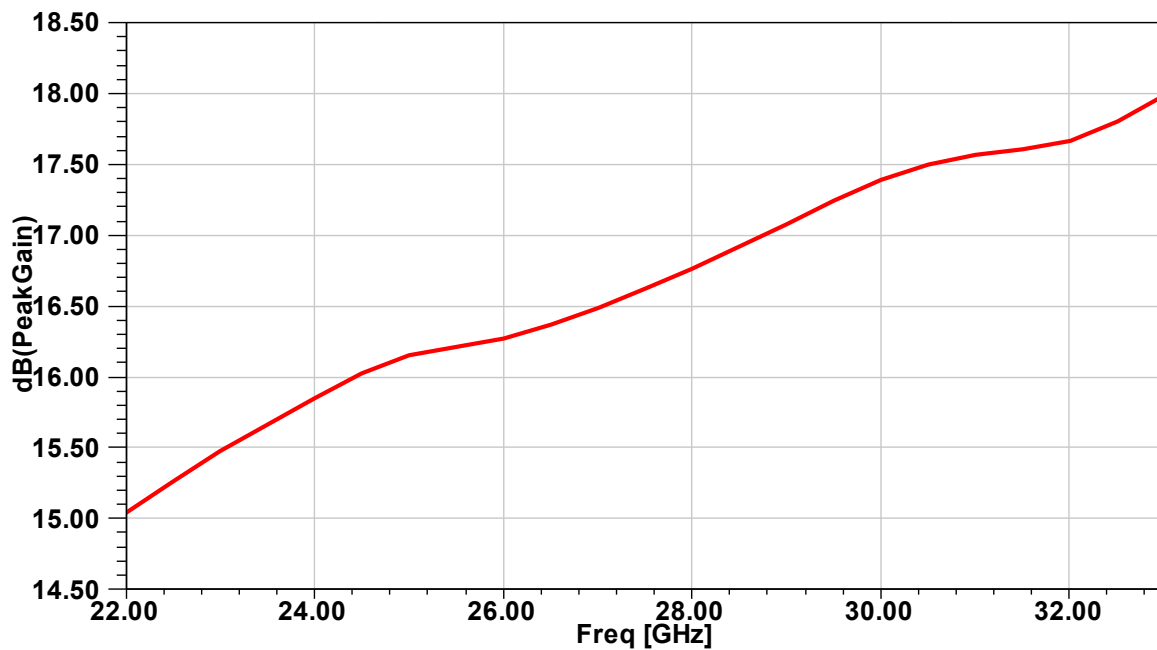
### 1.VSWR



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## 2.Gain

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## Measurement results (Reflection coefficient)

