

# ANTERAL



## Lens Horn antennas

Anteral is a dynamic, innovative and international company. The company designs and commercializes cutting-edge high performance antennas for space, scientific, radiometers and other sectors.

### Specialized in

Design, manufacture and verification of high performance antennas for innovative applications and sectors such as space, telecommunications, IoT, mobile, radiotelescopes or scientific.

### Our values

We try to be the best in what we do, offering our clients innovative solutions in a short period of time and with a personal treatment.

More info:

[www.antal.com](http://www.antal.com)

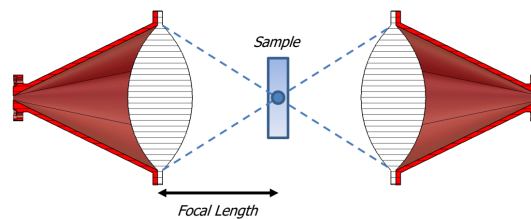


### Lens Horn Antennas

Anteral's Lens Horn Antennas are conical horn antennas with a TEFLON lens attached to the aperture, in order to apply phase correction and achieve superior performance with minimum size. The lenses are designed with optimized hyperbolic or spherical profiles to reduce the aberration to the minimum. Anteral designs all Lens Horn Antennas to show not only high gain, but also low VSWR ( $< 1.3$ ) and low side lobes.

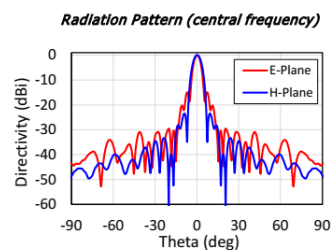
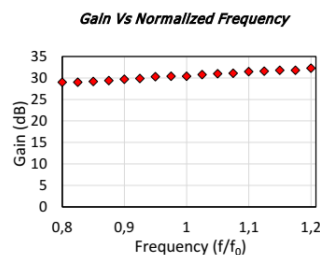
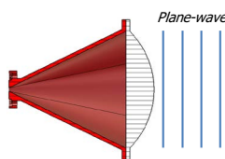
### Focusing

Focusing Lens Horn Antennas are especially useful when focusing beam is required with short focal distances. Therefore, these antennas are widely used in testing and material characterization.



### Communications

Communications Lens Horn Antennas are especially useful when high gain is required with the minimum size. Therefore, these antennas are widely used in radar applications, communication and meteorological systems among



### Contact

#### Address:

Edificio I+D "Jerónimo de Ayanz",  
Calle Tajonar 22  
31006 - Pamplona (Spain)

#### Phone:

+ 34 948 488458

#### E-mail:

[contact@antal.com](mailto:contact@antal.com)



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