



Horn.ell.a

KEY FEATURES

- **Horn expansions:** Hyperbolic (Catenoid, Exponential, Hyperbolic Cosine, Hyperbolic Sine, Conic), Tractrix, Spherical, Spherical Closed, Waveguide
- **Aperture Angles:** Complete control of angles down to the horn sections in horizontal and vertical planes (very helpful in ex. to manage Waveguide coverage angles, or to link different segments to connect the throat initial section of the horn with a specified compression driver exit)
- **Horn types:** Circular, Pseudo Elliptical with any required aspect ratio of the mouth shape (to arrange any horizontal and vertical coverage angle)
- **Solid Radiation Angles:** Free space placement (4π), Floor (2π), Wall (π), Corner ($\pi/2$)
- **3D Plots method:** $1/4$ of the geometry, $1/2$ of the geometry, Full Angle
- **Environment information:** Environment working temperature and humidity of the horn
- **Saved data precision:** Floating-point numbers by 6 fractional format digits
- **Unit:** SI units and units from other systems of measurement. Conversion possibility between units with standard SI prefix

