



MW 10.5GHZ "FRESNEL" ZONE PLATE LENS



SKU: frm-mw-105-zone-plate



PRODUCT DESCRIPTION

The Fresnel zone plate lens is a fascinating diffraction lens, currently widely used in X-ray microscopy.

Fresnel zone plates enable

This lens is made from copper on dielectric glass fibre and epoxy resin substrate and is coated with red epoxy resin.

The copper geometry has been manufactured with extreme precision (0.02mm) and tailored to the specific frequency of our apparatuses.

Papers and references:

- [Wikipedia on Zone Plate](#)
- [Fresnel Zone Antennas, Y. Jay GuoStephen K. Barton,](#)
- [Recent Advances in Fresnel Zone Plate Antenna Technology](#)
- [Electroplated Zone Plates and Beam Shapers](#)
-[Zoneplate website, The Center For X-Ray Optics, Lawrence Berkeley National Laboratory](#)