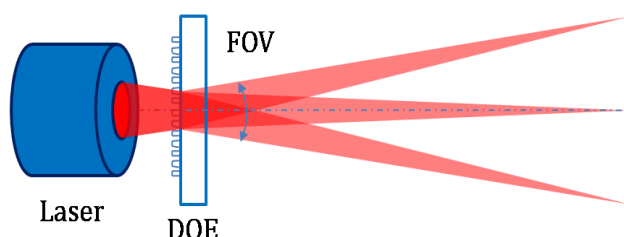


DTC- 27 Diffractive Optical Element



- **Element Number: DTC- 27**
- Description: 5 Concentric Circles
- Substrate material: PET/PMMA/GLASS
- DOE active area: 4 x 4 mm
- Design wavelength: 650 nm
- Minimum recommended beam diameter (FWHM): 2 mm

Pattern Specifications



A DOE functions with a laser light source that emits a diffractive pattern. Each DOE pattern is characterized by a specific laser wavelength, focal length, and transverse mode. Each laser wavelength will result in a different zero order intensity. The focal length is dependent on the DOE and the object distance which can be adjusted using a collimating lens (CL). The transverse mode will affect the dot shape.

Field of View (FOV)	30° x 30°
Zero order	≤ 3%