SPECIFICATIONS

AO Medium	TeO2
Acoustic Mode	Shear, Off Axis
Acoustic Velocity	0.710 mm/µs
Wavelength	442 nm
Input Polarization	0° to Mounting Plane
Output Polarization	90° to Mounting Plane
Insertion Loss	5%
Center Frequency (Fc)	200 MHz
RF Bandwidth	100 MHz
RF Power	1.0 Watt
Active Aperture	4.8 mm
Average Diffraction Efficiency	>75%
Flatness Across Bandwidth	±10%
Min Diffraction Efficiency	>70%
Peak Valley at 633 mm (No RF Power)	< 0.100
RMS at 633 mm	N/A
VSWR	< 2.0:1
Scan Angle	63.1 mrad @ 442 nm
Time Bandwidth	N/A

Notes:

1. Input impedance is 50 Ohms.
2. Anti-Reflection Coating is less than 1.0% both side.
3. Time Aperture is 6.5 us.

OUTLINE DRAWING