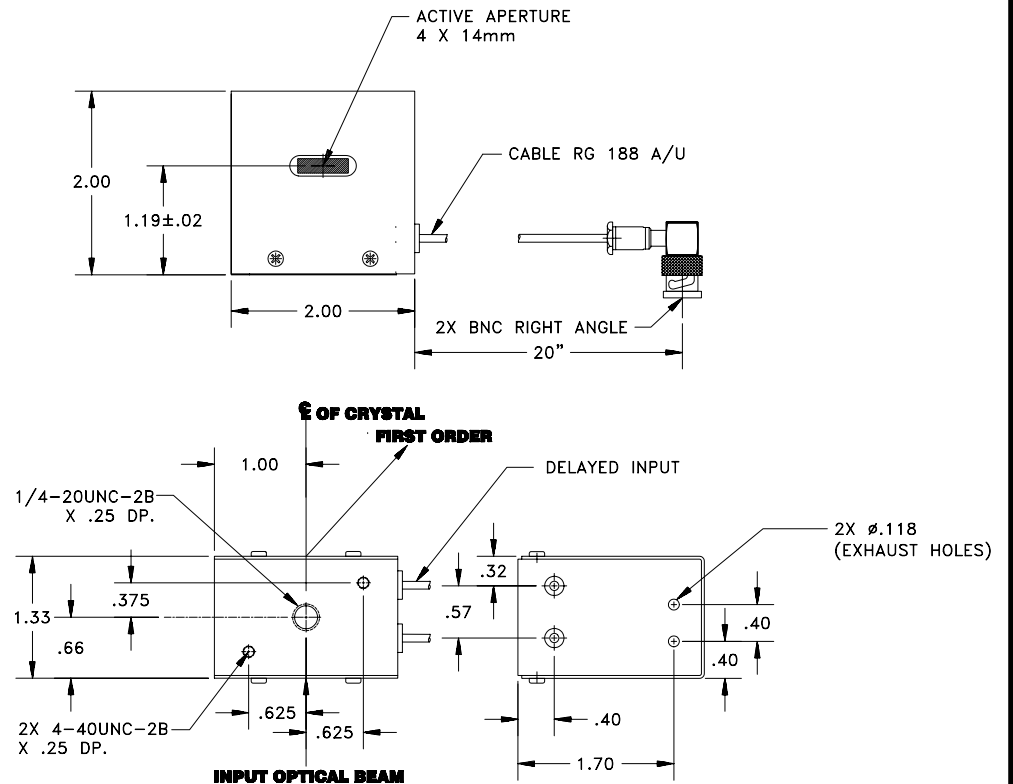


SPECIFICATIONS

AO Medium	TeO ₂
Acoustic Mode	Shear, On Axis
Acoustic Velocity	0.617 mm/μs
Wavelength	364 nm
Input Polarization	Elliptical
Output Polarization	Elliptical
Insertion Loss	10%
Center Frequency (Fc)	100 MHz
RF Bandwidth	50 MHz
RF Power	< 1.0 Watt
Active Aperture	4 mm 'H' X 14 mm 'L'
Average Diffraction Efficiency	> 75%
Flatness Across Bandwidth	10%
Min Diffraction Efficiency	> 70%
Peak Valley at 633 nm(No RF Power)	<0.125
RMS at 633 nm	N/A
VSWR	< 2.0 : 1
Scan Angle	N/A
Time Bandwidth	N/A

OUTLINE DRAWING



Notes:

1. 2 Element Phased Array
2. Input impedance is 50 Ohms.
3. A delay box, p/n: 97-02010-01, is connected between the RF output of the driver and the two inputs of the deflector.

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info@amstechnologies.com
www.amstechnologies-webshop.com

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TOLERANCES: .XX .XXX	DR	Geri Scholz 12/9/2003	Crystal Technology, Inc.	
MATERIAL:	CHK		DESCRIPTION: AODF 4100-UV	
FINISH:	APP		PART NUMBER:	REV:
	APP			

SHEET 1 OF 1