



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

MODEL NUMBER:

**15260-FOA**

DOCUMENT NUMBER: 56A15409A

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	440 – 850 nm
Window Configuration	AR Coated
Static Transmission	>95 %
Operating Frequency	260 MHz
Diffraction Efficiency	>70 % @ 633 nm with Linear, Polarization Perpendicular to Acoustic Propagation or with Random Polarization
Acoustic Aperture Size	0.2 mm
Rise Time	<10 nsec
Optical Waist Size to achieve Rise Time	55 μm
Deflection Angle	39 mrad @ 633 nm
RF Power Level	< 1 Watt
Impedance	50 Ohms nominal
VSWR	1.5:1 @ 260 MHz
FOA Package:	53B0957
Operating Manual:	51A05436
Acceptance Test Procedure:	42A12764
Acceptance Test Results Form:	52A00623
Recommended Drivers:	
Analog Driver System: 21260-1AS	Digital Driver System: 21260-1DS
Analog Driver Module: 21260-1AM	Digital Driver Module: 21260-1DM