

**DEVICE SPECIFICATIONS**

**MODEL NUMBER:**

**17440-FOA / 71003**

**DOCUMENT NUMBER: 56A15414A**

<b><u>PARAMETER</u></b>	<b><u>SPECIFICATION</u></b>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	440 - 850 nm
Window Configuration	AR Coated
Static Transmission	≥ 95%
Operating Frequency	440 MHz
Diffraction Efficiency	≥ 60% @ 633 nm with linear polarization perpendicular to acoustic propagation. ≥ 50% @ 633 nm with random polarization
Acoustic Aperture Size	90 μm
Rise Time	≤ 4 nsec
Optical Waist Size to Achieve Rise Time	19 μm
Deflection Angle	65 mrad @ 633 nm
RF Power Level	≤ 0.8 watts
Impedance	50 ohms nominal
VSWR	≤ 1.5:1
Package	53D00327

**For More Information, Contact: [Sales@goochandhousego.com](mailto:Sales@goochandhousego.com) [www.goochandhousego.com](http://www.goochandhousego.com)**

As part of our policy of continuous product improvement we reserve the right to change specifications at any time.