



# Gooch & Housego

## DEVICE SPECIFICATIONS

MODEL NUMBER:

**15210**

DOCUMENT NUMBER: 56A14298D

<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	210 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 mm
Deflection Angle	31 mrad @ 633 nm
RF Power Level	≤ 1 Watt
Impedance	50 Ohms nominal
VSWR	≤ 1.5:1
Package	53B0504

**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.