



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

15210-FOA

DOCUMENT NUMBER: 56A15408A

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO ₂
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 μm
Deflection Angle	31 mrad @ 633 nm
RF Power Level	< 1 Watt
Impedance	50 Ohms nominal
VSWR	<1.5:1 @ 210 MHz
Package:	53B0957
Operating Manual:	51A05435
Acceptance Test Procedure:	42A15359
Acceptance Test Results Form:	52A01181
Recommended Drivers:	
Analog Driver System: 21210-1AS	Digital Driver System: 21210-1DS
Analog Driver Module: 21210-1AM	Digital Driver Module: 21210-1DM

For More Information, Contact:

neos@neostech.com

Ph. (321) 242-7818

Fax (321) 242-1019

56A15408A.doc

APPROVED 3/22/04 W SEALE

ECO# 58A15961