



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

15210-FOA / 71002

DOCUMENT NUMBER: 56A15412A

<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 Assembly: Mount, Optics and Modulator:	53D00314
FOA Modulator Package:	53B0957
Operating Manual:	51A0468
Acceptance Test Procedure:	42A15343
Acceptance Test Results Form:	52A15344
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:

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APPROVED 3/22/04 W SEALE

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