



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

15210

DOCUMENT NUMBER: 56A14298C

<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:	53B0504
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

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