



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

23110-.5

DOCUMENT NUMBER: 56A02333E

<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	110 MHz
Diffraction Efficiency	>90 % @ 633 nm With Linear Polarization Perpendicular to Acoustic Propagation. or With Random Polarization.
Acoustic Aperture Size	0.5 mm
Rise Time	150 ns / mm beam diameter.
Deflection Angle	16.3 mrad @ 633 nm
RF Power Level	1 Watt
Impedance	50 Ohms
VSWR	<1.2:1 @ 110 MHz
Package:	53B00504
Operating Manual: Use Latest Revision.	51A01512
Acceptance Test Procedure:	42A12059
Acceptance Test Results form:	52A01513
Recommended Drivers:	
Analog Driver System: 21110-1AS	Digital Driver System: 21110-1DS
Analog Driver Module: 21110-1AM	Digital Driver Module: 21110-1DM

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