



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

### MODEL NUMBER:

# 17440

### DOCUMENT NUMBER: 56A14300B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	TeO <sub>2</sub>
Acoustic Mode	Longitudinal
Operating Wavelength	440 – 850nm
Window Configuration	AR Coated
Static Transmission	>95 %
Operating Frequency	440 MHz
Diffraction Efficiency	>60 % @ 633 nm with Linear, Polarization Perpendicular to Acoustic Propagation. >50 % @ 633 nm with Random Polarization.
Acoustic Aperture Size	90 μm
Rise Time	<4 ns
Optical Waist Size to achieve Rise Time	19 μm
Deflection Angle	65 mrad @ 633 nm
RF Power Level	800 mWatts
Impedance	50 Ohms nominal
VSWR	<1.5:1 @ 440 MHz
Package:	53B0504
Operating Manual:	51A14833
Acceptance Test Procedure:	42A12278
Acceptance Test Results Form:	52A15516
Recommended Drivers:	
Analog Driver System:	11440-.8AS
Analog Driver Module:	11440-.8AM

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