



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

17440-FOA

DOCUMENT NUMBER: 56A15410

<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	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 nsec
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
FOA Package N17440-FOA:	53B0957
Operating Manual:	51A17205
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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