



NEOS TECHNOLOGIES

A Gooch & Housego Company

DEVICE SPECIFICATIONS

MODEL NUMBER:

23080-1-.85-LTD

DOCUMENT NUMBER: 56A12676B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interaction Material	TeO ₂
Acoustic Mode	Longitudinal
Operating Wavelength	700-1000 nm
Window Configuration	AR coated
Static Transmission	>97 %
Operating Frequency	80 MHz
Diffraction Efficiency	>70 % With Linear Polarization, Perpendicular to Acoustic Propagation. >65 % With Random Polarization.
Acoustic Aperture Size	1 mm
Rise Time	150 nsec / mm beam dia.
Deflection Angle	16 mrad @ 850 nm
RF Power Level	1 watt
Impedance	50 ohms nominal
VSWR	<1.2: 1 @ 80 MHz
Package	53B00624 TO 1
Operating Manual: Use Latest Revision.	51A18999
Recommended Drivers:	
Analog Driver System: 21080-1AS	Digital Driver System: 21080-1DS
Analog Driver Module: 21080-1AM	Digital Driver Module: 21080-1DM