



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

### MODEL NUMBER:

**35085-0.5-350**

### DOCUMENT NUMBER: 56A14317B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	Fused Silica
Acoustic Mode	Longitudinal
Operating Wavelength	300 to 400 nm
Window Configuration	AR Coated
Static Transmission	>99 %
Operating Frequency	85 MHz
Diffraction Efficiency	>85 %
Light Polarization	Linear, Perpendicular to acoustic propagation
Acoustic Aperture	0.5 mm
Rise Time	110 nsec/mm beam diameter
Deflection Angle	5 mrad @ 350 nm
RF Power Level	< 6 Watts
Impedance	50 Ohms
VSWR	<1.2:1 @ 85 MHz
Package:	53B1428
Operating Manual: Use Latest Revision.	51A16074
Acceptance Test Procedure:	42A12035
Acceptance Test Results form:	52A00936
Recommended Drivers:	
Analog System Driver: 31085-6AS	Digital System Driver: 31085-6DS
Analog Module Driver: 31085-6AM	Digital Module Driver: 31085-6DM

**For More Information, Contact:**      [neos@neostech.com](mailto:neos@neostech.com)      **Ph. (321) 242-7818**      **Fax (321) 242-1019**