



# NEOS TECHNOLOGIES

A Gooch & Housego Company

## DEVICE SPECIFICATIONS

### MODEL NUMBER:

**32027-100-4-HGM-W**

### DOCUMENT NUMBER: 56A14310B

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Interactive Material	Fused Silica
Acoustic Mode	Shear
Operating Wavelength	1064 nm
Window Configuration	AR "V" Coated
Static Transmission	>99 %
Operating Frequency	27.12 MHz
Insertion loss	<10 % @ 50 Watts
Loss Modulation	>90 %
Light Polarization	Random
Acoustic Aperture Size	4 X 13 mm
Rise Time	175 ns/mm Beam Diameter
Deflection Angle	7.6 mrad
RF Power Level	100 Watts
Impedance	50 Ohms
VSWR	1.2:1 @ 27.12 MHz
Package: Water Cooled @ 0.1GPM <30°C	53B1059
Optional Package With Cones	53B1186
Operating Manual: Use Latest Revision.	51A00400
Acceptance Test Procedure:	42A12277
Acceptance Test Results form:	52A00657
Recommended Driver:	
Digital Driver System: 39027-100DS***	
Digital Driver Module: 38027-100DM** or 39027-100DM***	
Options: ** =PK, PKPW      *** = PPK, FPS, A05, R05	

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