


AOキャビティダンパー セレクションガイド

Cavity Dumper Intra-Cavity AO Modulators

The Gooch & Housego's Cavity Dumper is for use with Argon, Dye, and Ti : Sapphire mode locked lasers. It is designed to be used inside the laser cavity and separates a single pulse from the pulsed energy circulating in that laser cavity and re-direct it to a different optical path. This device usually requires a three mirror cavity with 2 of the mirrors focusing to the required beam waist.

Spectral Range (nm)	Cavity Dumper Specification page, Outline Drawing, Operating Manual by Model Number:	Image	Loss Modulation (%@watts Peak)* (%@watts CW) @1060nm	Aperture (mm)	Frequency (MHz)	Deflection Angle (mrad) @ nm	Optical Power Density/(cm ²) Ave./Pk	Interaction Material
514 or 1060	13389-BR #1 #2		100 @ 10 @ 5% duty cycle with 10 ns Pulse 5.5 @ 0.5 * Average RF power must be below 0.5 watts	0.06	389.5	41 @ 633	500MW/2GW	SiO ₂

Custom and OEM AO Devices and Drivers are available and Gooch & Housego will work with you to meet your needs.

Use the "Request Information Form" on the pull down menu on the main web page to submit your requirements for AO Devices and Drivers.



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