

## mid-infrared acousto-optic modulator series :

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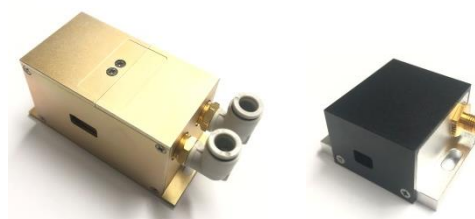
#### product name:

AOM

#### product description:

This series of acousto-optic modulators uses the principle of acousto-optic interaction

Intensity modulation and frequency shifting of mid-infrared laser light.



#### Main Specifications:

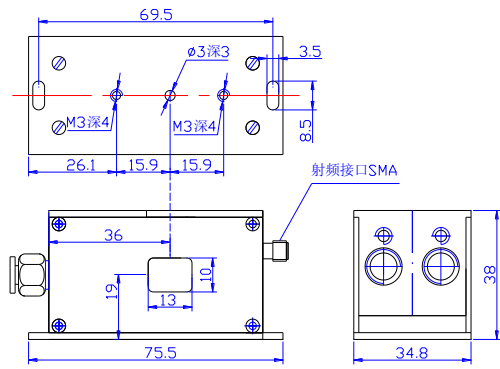
parameter	unit	OC T68-4000-4TD	OC T80-4000-2TH
Working wavelength	nm	3000~5000	
Input light polarization state	-	Linear polarization (  )	
Center frequency	MHz	68	80
Diffraction efficiency	%	≥90	
light aperture	mm	4	2
diffracted light separation angle	mrad	49.5	58.2
Driving power	W	≤10	≤5
Light pulse rise time	ns/mm	120	
damage threshold	W/cm <sup>2</sup>	500	
Static transmittance	%	≥90	
Extinction Ratio	-	>1000:1	
RF connector	-	SMA female	
input resistance	Ω	50	
VSWR	-	<1.3:1	
cooling method	-	water cooling	conduction cooling
Package Specifications	-	Ti	TH

#### Package Specifications:

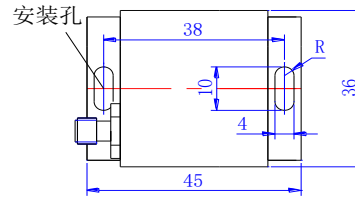
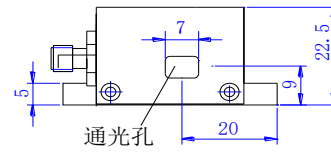


# 上海奥普特科晶体材料有限公司

## Shanghai Opticrystal Materials Co., Ltd



**Ti**



**TH**