

### low-frequency shifting acousto-optic modulator series :

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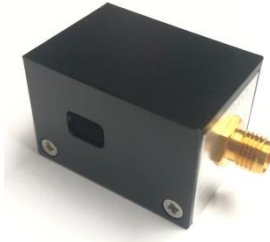
##### product name:

AOM

##### product description:

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

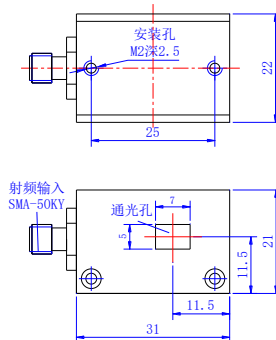
Low-frequency frequency shifting of visible light.



##### Main Specifications:

parameter	unit	OC T20-633-1PA	OC T40-633-2PA
Working wavelength	nm	633	
Input light polarization state	-	Linear polarization (  )	
diffracted light polarization state	-	Linear Polarization (⊥)	
working frequency	MHz	20	40
Diffraction efficiency	%	≥85	
light aperture	mm	1	2
diffracted light separation angle	mrad	18.55	37.1
Driving power	W	≤0.2	
Static transmittance	%	≥95	
Rise Time	μs/mm	1	
damage threshold	W/ mm <sup>2</sup>	10	
Extinction Ratio	-	>1000:1	
RF connector	-	SMA female	
input resistance	Ω	50	
VSWR	-	<1.3:1	
cooling method	-	conduction cooling	
Package form	-	PA	

##### Package Specifications:



PA