

780nm single-frequency 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

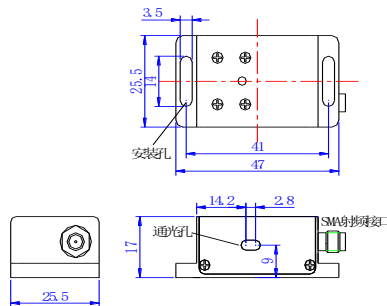
Intensity modulation and frequency shifting of 780nm laser.



Main Specifications:

parameter	unit	OC T80-780-2TA	OC T110-780-1TA	OC T200-780-0.5TA	OC T300-780-0.3TA
Working wavelength	nm	700~900			
Input light polarization state	-	arbitrarily			
Center frequency	MHz	80	110	200	300
Diffraction efficiency	%	≥80	≥80	≥75	≥70
frequency shift bandwidth	MHz	20	30	40	50
light aperture	mm	2	1	0.5	0.3
diffracted light separation angle	mrad	14.9	20.4	37.1	55.7
Driving power	W	≤2			
Light pulse rise time	ns/mm	160			
damage threshold	W/ mm ²	10			
Static transmittance	%	≥95			
Extinction Ratio	-	>1000:1			
RF connector	-	SMA female			
input resistance	Ω	50			
VSWR	-	<1.3:1			
cooling method	-	conduction cooling			
Package form	-	TA			

Package Specifications:



TA



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