

780nm high-frequency acousto-optic modulator series :

780nm high-frequency acousto-optic modulator series

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 T800-780-0.1PB	OC T1200-780-0.1PB	OC T1500-780-0.1PB
Working wavelength	nm	700~800		
Input light polarization state	-	Linear polarization ()		
Center frequency	MHz	800	1200	1500
Diffraction efficiency	%	≥50	≥40	≥30
light aperture	mm	0.1		
diffracted light separation angle	mrad	99	148	186
Driving power	W	≤1		
Light pulse rise time	ns/mm	110		
damage threshold	W/ mm ²	1		
Static transmittance	%	≥75		
Extinction Ratio	-	>1000:1		
RF connector	-	SMA female		
input resistance	Ω	50		
VSWR	-	<1.3:1		
cooling method	-	conduction cooling		
Package form	-	PB		

Package Specifications:



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