

780nm broadband acousto-optic modulator series :

780nm broadband acousto-optic modulator series

product name:

AOM

Product number:

OC T80/110/200/300-780-xx-B

product description:

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

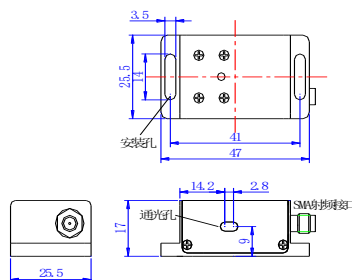
Intensity modulation and broadband frequency shifting of 780nm laser.



Main Specifications:

parameter	unit	OC T80-780-1.5TA-B30	OC T110-780-1TA-B50	OC T200-780-0.5TA-B60
Working wavelength	nm	780±20		
Input light polarization state	-	Arbitrary (recommended linear polarization⊥)		
Center frequency	MHz	80	110	200
Diffraction efficiency	MHz	≥80	≥80	≥80
frequency shift bandwidth	MHz	30	50	60
Diffraction efficiency (full bandwidth)	%	≥60		
light aperture	mm	1.5	1	0.5
diffracted light separation angle	mrad	14.9	20.43	37.1
Driving power	W	≤3		
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 Specifications	-	TA		

Package Specifications:





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