

Visible light 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

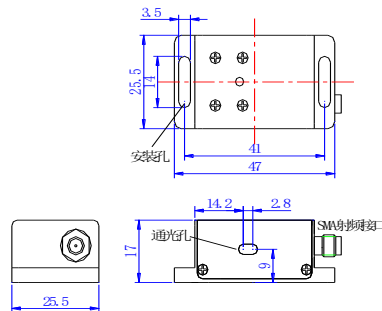
Intensity modulation and frequency shifting of visible light.



Main Specifications:

parameter	unit	OC T80-532-1.5TA	OC T110-532-1TA-B50	OC T200-633-0.5TA
Working wavelength	nm	500~600		600~700
Input light polarization state	-	arbitrarily		
Center frequency	MHz	80	110	200
Diffraction efficiency	%	≥80	≥80	≥75
frequency shift bandwidth	MHz	20	50	40
light aperture	mm	1.5	1	0.5
diffracted light separation angle	mrad	10.1	13.9	30.1
Driving power	W	≤1	≤2	≤1
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