

1064nm acousto-optic modulator series :

1064nm acousto-optic modulator series

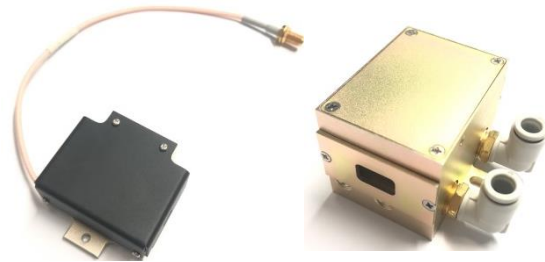
product name:

AOM

product description:

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

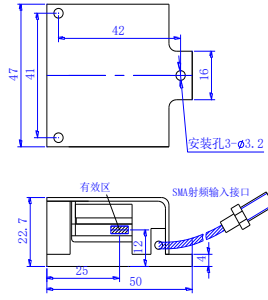
Intensity modulation and frequency shifting of 1064nm laser.



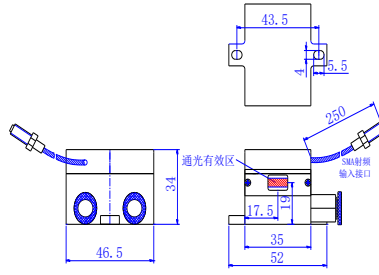
Main Specifications:

parameter	unit	OC T80-1064-2QP1	OC T68-1064-4QP2	OC T200-1064-0.3TA
Working wavelength	nm	1040~1080		
Input light polarization state	-	Linear Polarization (\perp)		arbitrarily
Center frequency	MHz	80	68	200
Diffraction efficiency	%	≥ 90	≥ 90	≥ 70
light aperture	mm	2	4	0.3
diffracted light separation angle	mrad	14.8	12.6	50.7
Driving power	W	≤ 20	≤ 35	≤ 2
Light pulse rise time	ns/mm	120		160
damage threshold	W/cm ²	1G		500
Static transmittance	%	99.2		
Extinction Ratio	-	>1000:1		
RF connector	-	SMA female		
input resistance	Ω	50		
VSWR	-	<1.3:1		
cooling method	-	conduction cooling	water cooling	conduction cooling
Encapsulation	-	QP1	QP2	TA

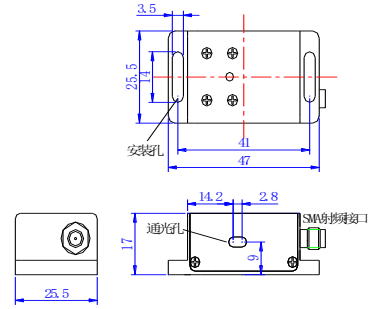
Package Specifications:



QP1



QP2



TA