

2μm acousto-optic modulator series :

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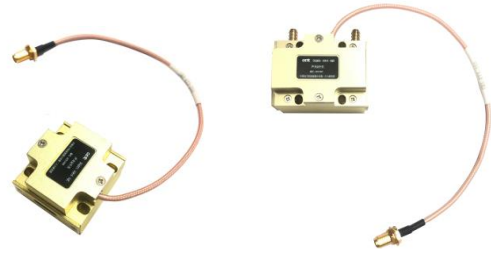
product name:

AOM

product description:

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

Intensity modulation and frequency shifting of the 2 μm laser.



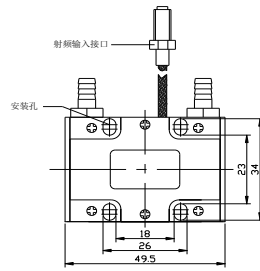
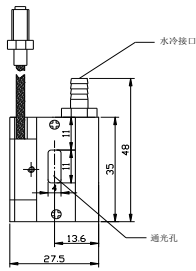
Main Specifications:

parameter	unit	OC T41-2000-2QB	OC T80-2000-1QC
Working wavelength	nm	2000	
Input light polarization state	-	Linear Polarization (⊥)	
Center frequency	MHz	40.68	80
Diffraction efficiency	%	≥80	≥65
light aperture	mm	2	1
diffracted light separation angle	mrad		
Driving power	W	≤40	≤25
Light pulse rise time	ns/mm	120	
damage threshold	MW/cm ²	>500	
Static transmittance	%	≥99.2	
Extinction Ratio	-	>1000:1	
RF connector	-	SMA female	
input resistance	Ω	50	
VSWR	-	<1.3:1	
cooling method	-	water cooling	conduction cooling
Package Specifications	-	QB	QC

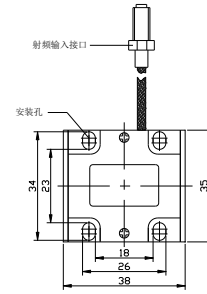
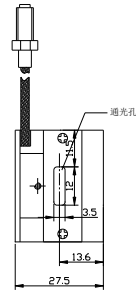
Package Specifications:



上海奥普特科晶体材料有限公司 Shanghai Opticrystal Materials Co., Ltd



QB



QC