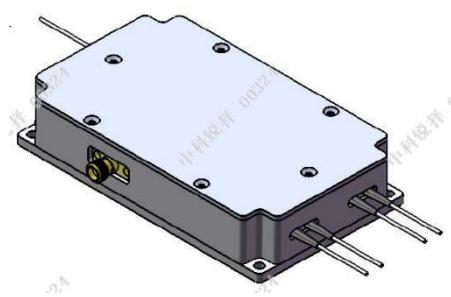


Dual-output AOM Integrated Module

◆ Product introduction

Using acousto-optic modulator (AOM) to control laser frequency, switch light and generate modulation sideband is a common technical means, which is often used in optical systems of quantum optics, cold atoms, ion traps, quantum calculation and quantum precision measurement. Dual-output AOM integrated optical module integrates two acousto-optic modulators with different frequency points in the same module, saving volume. The input and output are fiber-coupled outputs, and the wavelength can be customized at will from 400 to 1100 nm.



◆ Parameter index

Parameter	unit	Value
Structure		1X4
Central Wavelength	nm	509/633/780/852 or customized
Split Ratio Per Channel		10/90
AOM Frequency Shift	MHz	80-200Mhz optional
Rising Edge	ns	≤40ns
Switching Extinction Ratio	dB	≥55dB
Polarization Extinction Ratio	dB	≥25
Return Loss	dB	≥45
Peak Power	W	2
Fiber type		SM/PM
Connector		FC/APC or FC/PC
Working Temperature	°C	0 to 50
Storage Temperature	°C	-40 to 85