



integrated acousto-optic modulator series :

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product name:

Integrated acousto-optic modulator

product description:

This series of acousto-optic modulators adopts an integrated design with the driver.

Using the principle of acousto-optic interaction to modulate the intensity and shift the frequency of the laser.



Main Specifications:

parameter	unit	OC Y40-633-2TC-2D	OC Y60-633-1TC-1D
Modulation Input Interface Specifications			
Modulation	-	Digital modulation (high level 3.3-5V; low level 0-0.2V@1kΩ)	
interface	-	SMB	
Machine Specifications			
Working wavelength	nm	633	
Input light polarization state	-	Linear polarization (∥)	
diffracted light polarization state	-	Linear Polarization (⊥)	
working frequency	MHz	40	60
Diffraction efficiency	%	≥80	
light aperture	mm	2	1
diffracted light separation angle	mrad	37.1	55.6
Light pulse rise time	μs/mm	1	
damage threshold	W/ mm ²	10	
Static transmittance	%	≥95	
Extinction Ratio	-	>1000:1	
Operating Voltage	V	12	twenty four
Maximum current	A	0.1	
power interface	-	Feedthrough capacitor (core wire connected to positive, solder piece connected to negative)	
Package form	-	TC	

Package Specifications:

