

Ultraviolet multi-channel acousto-optic modulator series :

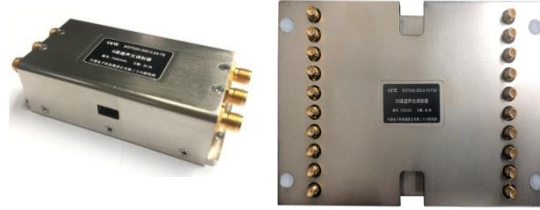
**Ultraviolet multi-channel acousto-optic modulator series**

**product name:**

UV multi-channel acousto-optic modulator

**product description:**

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



Intensity modulation and frequency shifting of the laser array.

**Main Specifications:**

parameter	unit	T220-355 <sub>6</sub> 0.24T6-C	T220-355 <sub>10</sub> 0.24T10-C	T220-355 <sub>20</sub> 0.15T20-C
Working wavelength	nm	310~400		
Input light polarization state	-	Linear Polarization (//)		
working frequency	MHz	220		
frequency bandwidth	MHz	>50		
Light transmittance	%	≥95		
Diffraction efficiency	%	>70		>60
Light pulse rise time	ns	≤40		≤25
unmodulated separation angle	mrad	13.6		
number of channels	-	6	10	20
Channel Optical Aperture	μm	240		150
channel spacing	μm	900		450
global crosstalk	%	<1		
damage threshold	mW/cm <sup>2</sup>	10		
Driving power	w/channel	≤2		
RF connector	-	SMA female		SSMA female
input resistance	Ω	50		
cooling method	-	conduction cooling		water cooling
Package form	-	T6	T10	T20

**Package Specifications:**