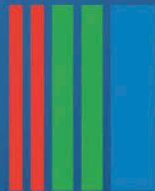


## 780nm, 200 MHz Fiber-Coupled Acousto-Optic Modulator

780AOM-2 / FIBER-OPTIC-AOM

*This product is sold  
and supported  
in the USA by*



**LASER LAB SOURCE**  
marketplace for **Scientists & Engineers**

**contact@LaserLabSource.com**

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**800.877.5065**

## Fiber coupled AOM

High speed version – 780 nm

Reference: 780AOM-2

Technology/Crystal : TeO<sub>2</sub>\*

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Material			TeO <sub>2</sub>		
Wavelength	nm	760	780	800	Customizable
Max average optical power	W		2.5	3	
Insertion loss	dB			3.0	
Extinction ration (1 <sup>st</sup> order on/off)	dB	50			
Return Loss (RF ON)	dB	40			
Rising time	ns			50	
Frequency	MHz		200		
Frequency shift	MHz		+/- 200		
RF Power	W			2.5	
Input Impedance	Ω		50		
Electrical input interface			SMA		
Fiber type			PM780		Customizable
Fiber length	m		1		Customizable
Pigtail termination			FC/APC		Customizable
Working temperature	°C	-20		60	
Storage temperature	°C	-30		70	
Dimensions (without fiber boots)	mm		67*23*15		
Mounting holes diameter	mm		2.5		

\*: See our tutorial : [fiber modulator](#)

