



850nm, 200 MHz Fiber-Coupled Acousto-Optic Modulator

850AOM-2 / FIBER-OPTIC-AOM

*This product is sold
and supported
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LASER LAB SOURCE
marketplace for **Scientists & Engineers**

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800.877.5065

Fiber coupled AOM

High speed version – 850 nm

Reference: 850AOM-2

Technology/Crystal : TeO₂*

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Material			TeO ₂		
Wavelength	nm	820	850	880	Customizable
Max average optical power	W		2.5	3	
Insertion loss	dB		2.2	3.0	
Extinction ratio (1 st order on/off)	dB	50	60		
Return Loss (RF ON)	dB	40			
Rising time	ns		10	12	
Frequency	MHz		200		
Frequency shift	MHz		+ 200		(-200 available)
RF Power	W		1.5	2.0	
Input Impedance	Ω		50		
Electrical input interface			SMA		
Fiber type (eq.)			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		45*28*12		
Mounting holes diameter/distance	mm		3 / 40*23		

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

