



850nm, 100 MHz Fiber-Coupled Acousto-Optic Modulator

850AOM-1 / FIBER-OPTIC-AOM

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



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

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800.877.5065

Fiber coupled AOM

Standard version – 850 nm

Reference: 850AOM-1

Technology/Crystal : TeO₂*

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Material			TeO ₂		
Wavelength	nm	820	850	880	Customizable
Average optical power handling	W			5	
Peak optical power handling	KW			3	
Insertion loss	dB		1.2	1.8	
Extinction ration (1 st order on/off)	dB	50	55		
Rising time	ns			60	
Frequency	MHz		100		
Frequency shift	MHz		+/- 100		
RF Power	W		1.5	2.0	
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	60*25*12.5			
Mounting holes diameter	mm		3		

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

