



# 940nm, 200 MHz Fiber-Coupled Acousto-Optic Modulator

**940AOM-2 / FIBER-OPTIC-AOM**

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



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**800.877.5065**

## Fiber coupled AOM

High speed version – 940 nm

Reference: 940AOM-2

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

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Material			TeO <sub>2</sub>		
Wavelength	nm	900	940	980	Customizable
Max average optical power	W		2.5	3	
Insertion loss	dB	2.0	2.5	3.0	
Extinction ratio (1 <sup>st</sup> order on/off)	dB	50			
Return Loss (RF ON)	dB	40			
Rising time	ns	8	9.5	10	
Frequency	MHz		200		
Frequency shift	MHz		+/- 200		
RF Power	W			2.5	
Input Impedance	Ω		50		
Electrical input interface			SMA		
Fiber type		PM980			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](#)

