

Fiber coupled AOM

High speed version – 1064 nm

Reference: 1064AOM-2

Technology/Crystal : TeO₂*

SPECIFICATIONS	Unit	Min	Typ.	Maximum	Comments
Material			TeO ₂		
Wavelength	nm	1000	1064	1090	Customizable
Max average optical power	W		2.5	3	
Insertion loss	dB	2.0	2.5	3.0	
Extinction ratio (1 st 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](#)

