

## 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		2.2	3.0	
Extinction ration (1 <sup>st</sup> 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](#)

