

Fiber Coupled Acousto Optic Modulator 1030nm 200MHz with TTL RF Driver

Part No.: AOM-1030-200M-10-C1-PM980-1-1-1-FA

◆ Specification

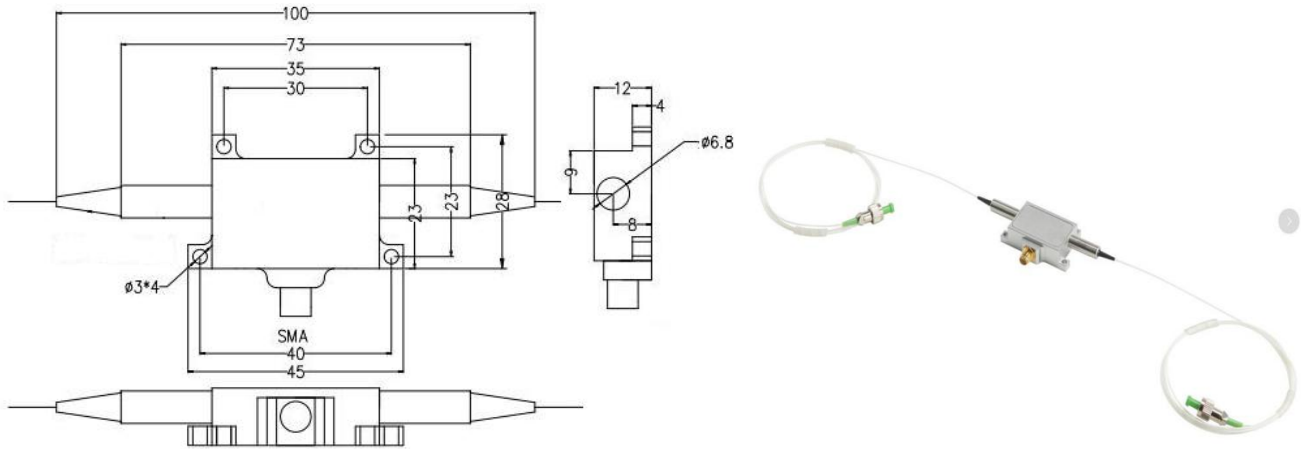
Parameter	Unit	Value
Interaction material		Tellurium dioxide
Signal Wavelength (λ_c)	nm	1030
Operating Wavelength Range	nm	± 10
Frequency	Mhz	200
Max. Insertion Loss	dB	2.5
Min. Polarization Extinction Ratio	dB	20
Max. Rise-Time/Fall-Time(10%-90%)	ns	10
Min. Extinction Ratio(Turn On/Off)	dB	45
Max. Voltage Standing Wave Ratio(VSWR)	-	1.5:1
Frequency Shift	Mhz	+ - 200 (Default: +200MHz)
Max. Average Optical Power	W	1
Peak Power	kW	5 or 10
Input Impedance	Ω	50
Max. RF Power	W	2.5
Fiber and Jacket	-	PM980 panda fiber with 900 μ m Loose Tube
Connector	-	FC/APC
Pigtail Fiber Length	M	1 \pm 0.1
Operating Temperature	$^{\circ}$ C	-10 to +65
Storage Temperature	$^{\circ}$ C	-20 to +70

◆ Ordering Information

AOM-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①Center Wavelength	②Frequency	③Handling Power	④Package Dimension	⑤Fiber Type	⑥Fiber Length	⑦Fiber Jacket	⑧Jacket Length	⑨Connector
1030-1030nm	80-80M	05-500mW	C1-67*23*15mm	PM980-PM980	1-1M	0-Bare Fiber	0.5-0.5M	FU-FC/PC
1064-1064nm	120-120M	10-1W	S-Specify	PM1550-PM1550	S-Specify	1-900 μ m Loose	1-1M	FA-FC/APC
1550-1550nm	200-200M	20-2W		S-Specify		2-2mm Cable	S-Specify	S-Specify

◆ Dimension & Structure of AOM



◆ Dimension and Structure of RF Driver

