

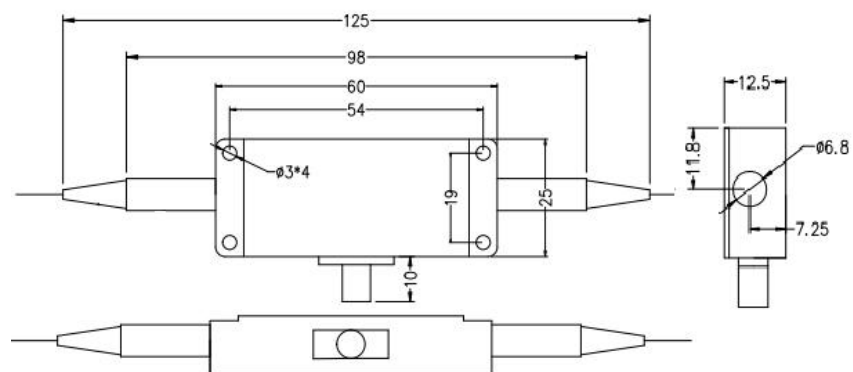
## Fiber Coupled Acousto Optic Modulator 1550nm 100MHz

**Model Number: AOM-1550-100M-05-C1-PM1550-1-1-1-FA**

### ◆ Specification

Parameter	Unit	Value
Interaction material		Tellurium dioxide
Signal Wavelength ( $\lambda_c$ )	nm	1550
Operating Wavelength Range	nm	$\pm 10$
Frequency	Mhz	100
Max. Insertion Loss	dB	3
Min. Polarization Extinction Ratio	dB	20
Max. Rise-Time/Fall-Time(10%-90%)	ns	50
Min. Extinction Ratio(1st order On/Off)	dB	50
Max. Voltage Standing Wave Ratio(VSWR)	-	1.5:1
Frequency Shift	Mhz	100
Max. Average Optical Power	W	0.5
Peak Power	kW	0.5
Input Impedance	$\Omega$	50
Max. Radio Frequency Power	W	2.5
Fiber Type	-	PM1550 Panda Fiber with 900 $\mu$ m Loose Tube
Pigtail Fiber Length	M	$1 \pm 0.1$
Connector	-	FA/APC
Operating Temperature	$^{\circ}$ C	-10 to +65
Storage Temperature	$^{\circ}$ C	-20 to +70

### ◆ Package Dimensions



### ◆ Ordering Information

AOM-①-②-③-④-⑤-⑥-⑦-⑧-⑨

① Center Wavelength	② Frequency	③ Handling Average Optical Power	④ Package Dimension	⑤ Fiber Type	⑥ Fiber Length	⑦ Fiber Jacket	⑧ Jacket Length	⑨ Connector
1064-1064nm	80-80M	05-500mW	C1-60*20*12.5mm	PM980-PM980	1-1M	0-Bare Fiber	1-1M	FU-FC/PC
1550-1550nm	120-120M	10-1W	C2-67*23*15mm	PM1550-PM1550	S-Specify	1-900 $\mu$ m Loose	S-Specify	FA-FC/APC
S-Specify	200-200M	20-2W	S-Specify	S-Specify		2-2mm Cable		S-Specify