

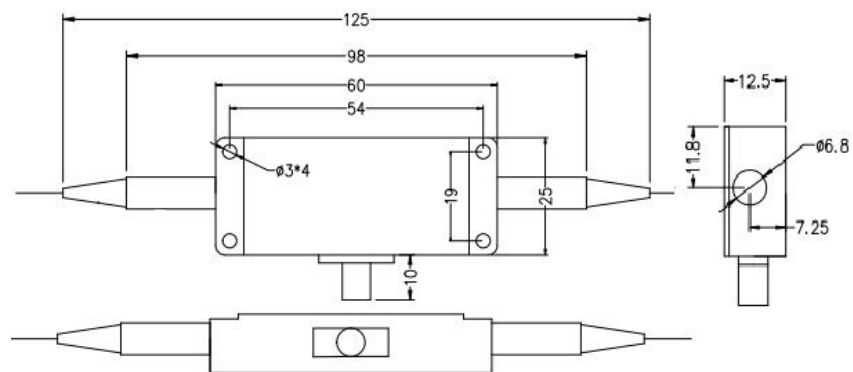
Fiber Coupled Acousto Optic Modulator 1550nm 80MHz

Model Number: AOM-1550-80M-10-C1-SMF28e-1-1-1-FA

◆ Specification

Parameter	Unit	Value
Interaction material		TeO2
Signal Wavelength (λ_c)	nm	1550
Operating Wavelength Range	nm	± 30
Frequency	Mhz	80
Max. Insertion Loss	dB	2.5
Max. Rise-Time/Fall-Time(10%-90%)	ns	45
Min. Extinction Ratio(1st order On/Off)	dB	50
Voltage Standing Wave Ratio(VSWR)	-	1.2 : 1
Frequency Shift	Mhz	+/- 80 (Default: +80MHz)
Max. Average Optical Power	W	1
Input Impedance	Ω	50
Max. Radio Frequency Power	W	2.5
Fiber Type	-	SMF28e Fiber
Pigtail Fiber Length	M	1 ± 0.1
Connector	-	FC/APC
Operating Temperature	$^{\circ}\text{C}$	-10 to +65
Storage Temperature	$^{\circ}\text{C}$	-20 to +70

◆ Package Dimensions



◆ Ordering Information

AOM-①-②-③-④-⑤-⑥-⑦-⑧-⑨

①Center Wavelength	②Frequency	③Handling Average Optical Power	④Package Dimension	⑤Fiber Type	⑥Fiber Length	⑦Fiber Jacket	⑧ Jacket Length	⑨Connector
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 μm Loose	S-Specify	FA-FC/APC
S-Specify	200-200M	20-2W	S-Specify	S-Specify		2-2mm Cable		S-Specify