

Fiber Coupled Acousto-Optic Modulator 1550nm 40MHz

Model Number: AOM-1550-40M-05-C2-PM1550-1-1-1-FA

◆ Specification

Parameter	Unit	Value
Material	-	TeO ₂
Signal Wavelength (λc)	nm	1550
Operating Wavelength Range	nm	±30
Frequency	Mhz	40
Max. Insertion Loss	dB	2.5
Min. Polarization Extinction Ratio	dB	18
Max. Rise-Time/Fall-Time(10%-90%)	ns	60
Min. Extinction Ratio(1st order On/Off)	dB	50
Max. Voltage Standing Wave Ratio(VSWR)	-	1.2:1
Frequency Shift	Mhz	+ - 40 (Default: +40MHz)
Max. Average Optical Power	W	0.5
Peak Power	kW	0.5
Input Impedance	Ω	50
Max. Radio Frequency Power	W	2.5
Fiber Type	-	PM1550 Panda Fiber with 900μm Loose Tube
Pigtail Fiber Length	M	1 ± 0.1
Connector	-	FC/APC
Operating Temperature	°C	-10 to +65
Storage Temperature	°C	-20 to +70

◆ 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	C1-67*23*15mm	PM980-PM980	1-1M	0-Bare Fiber	1-1M	FU-FC/PC
1550-1550nm	120-120M	10-1W	C2-45*28*12mm	PM1550-PM1550	S-Specify	1-900μm Loose	S-Specify	FA-FC/APC
S-Specify	200-200M	20-2W	S-Specify	S-Specify		2-2mm Cable		S-Specify