

Double Pass Optic Integrated AOM Module

Part No.: FAOM-D-420-200-PM

◆ Specification

Parameter	Unit	Min.	Max.	Typical
Interaction Material		-	-	Tellurium dioxide
Signal Wavelength (λ_c)	nm			420
Operating Wavelength Range	nm	-	-	± 20
Center Frequency	MHz	-	-	200
-3dB Bandwidth	MHz			± 30
Ultrasonic Velocity	m/s	-	-	4200
Insertion Loss	dB	-	4.5	-
Polarization Extinction Ratio	dB	20	-	-
Extinction Ratio (Turn On / Off)	dB	50	-	-
Rise-Time/Fall-Time	ns	-	40	-
Return Loss	dB	40	-	-
Voltage Standing Wave Ratio (VSWR)	/	-	1.2:1	-
Average Optical Power	W	-	0.5	-
Peak Optical Power (Pulse)	kW	-	0.3	-
Input impedance	Ω	-	-	50
RF Power	W	-	-	0.2
Fiber Type	/	-	-	PM
Fiber Length	m	-	-	1 ± 0.1
Fiber Connector	/	-	-	FC/APC
Operating Temperature	$^{\circ}\text{C}$	-	-	-20 ~ +60
Storage Temperature	$^{\circ}\text{C}$	-	-	-30 ~ +70

*IL is 0.2-0.3dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis. **CSRayzer reserves the right to adjust parameters based on actual conditions without notice for customized products.**

◆ AOM Package Dimensions

