

Free Space Acousto-Optic Modulator 532nm 100MHz

Mode: FAOM-532-100-L-D1-T-A-K

General Specification

Parameter	Unit	Min	Max	Typical	Comments
Material				TeO ₂	
Wavelength	nm	500	650	532	Customizable
Average optical power handling	W		5		
Ultrasonic Velocity	m/s			4200	
Diffraction Efficiency	%		90	85	
Center Frequency	MHz			100	Customizable
Frequency Shift	MHz			100	
Frequency Bandwidth	MHz			±20	
Optical Aperture (L*H)	mm			2*1	Customizable
Radio Frequency Power	W			0.8	
Rise Time	ns		200		
VSWR				1.2:1	
Input Impedance	Ω			50	
Deflection Angle	mrad			12.66	
Device Interface				SMA	
Working temperature	°C			-10~60	
Storage Temperature	°C			-30~70	

