

Fiber-coupled AOM for 980nm modulation bandwidth 80 – 100 MHz

Model

General Specification

Parameter	Unit	Min	Max	Typical	Comments
Material				TeO2	
Wavelength	nm	970	990	980	Customizable
Average optical power handling	W			0.5	
Ultrasonic Velocity	m/s			4200	
Insertion Loss	dB	1	1.5	1.2	
Extinction Ratio (1st order on / off)	dB	50			
Return Loss (RF ON)	dB	40			
Rise-time / Fall-time: (10% - 90%)	ns		50		Customizable
Frequency	MHz			100	Customizable
Frequency Shift	MHz			+/-100	Customizable
Radio Frequency Power	W			1.8	
VSWR				1.2:1	
Input Impedance	Ω			50	
Device Interface				SMA	
Fibre Type				HI1060	Customizable
Fibre Length	m			1	
Fibre Termination				FC/APC	Customizable
Working temperature	°C			-20~+60	
Storage Temperature	°C			-30~70	