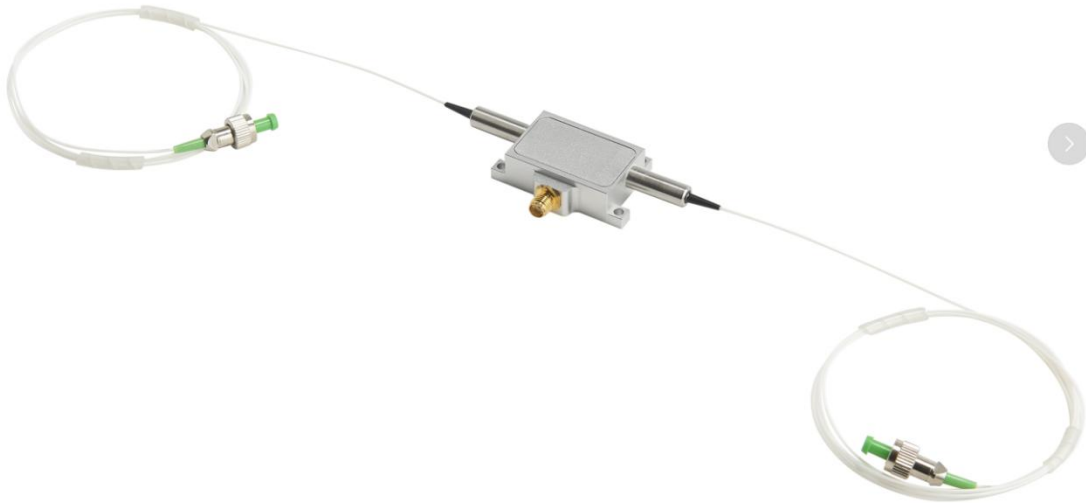


1550nm 40MHz Fibre-Coupled Acousto Optic Modulator

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Key Feature

Low Insertion Loss

Compact

Stable Performance

Most of the specifications can be customized according to your requirements

General Specification as Following:

parameter	Unit	Min	Max	Typical	Comments
material				TeO2	
wavelength	nm	1520	1580	1550	Customized
Average optical power	W		0.5		
Peak (pulse) optical power	kW		1		
Ultrasonic speed	m/s			4200	
Insertion loss	dB	2	3	2.5	
Extinction Ratio	dB	50		50	
Return loss	dB	40			
Rising time	ns	60	70	65	
frequency	MHz			40	Customized
Frequency shift	MHz			+/-40	
RF power	W		2.5		
Voltage standing wave ratio				1.2:1	
input resistance	Ω			50	
Device interface				SMA	
Fiber type	SMF1550/PM1550				Customized
Fiber length	m			1	Customized
Fiber optic interface				FC/APC	Customized
Operating temperature	$^{\circ}\text{C}$			-30~60	
Storage temperature	$^{\circ}\text{C}$			-40~70	