

1550nm fiber coupled acousto-optic modulator

Model

G-M40-L-D400-T-C-A

Key performance

Low insertion loss

compact

Stable performance

General performance parameters

parameter	Unit	Minimum	maximum	conventional
material				TeO ₂
wavelength	nm	1520	1580	1550
Average optical power	W		1	
Peak (pulse) optical power	kW		1	
Ultrasonic sound velocity	m/s			4200
Insertion loss	dB	2	4	3
Extinction Ratio	dB	50	65	50
Return loss	dB	40		
Rising edge time	ns	60	80	
frequency	MHz			40
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				
Fiber length	m			1.2
Fiber interface				FC/APC
Operating temperature	℃			-30~60
Storage temperature	℃			-40~70