

1550nm fiber coupled acousto-optic modulator

Model

G-M80-L-D400-T-C-A

Key performance

Low insertion loss

compact

Stable performance

General performance parameters

parameter	Unit	Minimum	Minimum	convention a
material				TeO2
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	3.5	
Extinction Ratio	dB	50		
Return loss	dB	40		
Rising edge time	ns	25	50	30
frequency	MHz			80
Frequency shift	MHz			+/-80
RF power	W		2.5	
Voltage standing wave ratio				1.2:1
input resistance	Ω			50
Device interface				SMA
Fiber type				PM/SM
Fiber length	m			1
Fiber interface				F/APC
Operating temperature	°C			-20~+60
Storage temperature	°C			-30~+70