



PM Fiber Coupled Acousto-Optic Modulator 200MHz

Product Features

- High modulation speed
- Low insertion loss
- Superior temperature stability and reliability

Product Applications

- Frequency shift
- Optical sensing
- Optics lab use

Specification

Parameter	Unit	Min	Max	Typical	Comments
Material				TeO2	
Wavelength	nm	1520	1580	1550	
Average optical power handling	W		0.5		
Peak (pulse) optical power handling	kW		0.5		
Ultrasonic Velocity	m/s			4200	
Insertion Loss	dB		3.5		
PER	dB	18			
ER(1st order on/off)	dB	50			
Return Loss(RF ON)	dB	40			
Rise-time/Fall- time:	ns		20		(10%-90%)
Frequency	MHz			200	
Frequency Shift	MHz			+200	Default +200, customizable "-200"
Radio Frequency Power	W			2.5	
VSWR				1.2:1	
Input Impedance	Ω			50	
Device Interface				SMA	
Fibre Type				PM1550	
Fibre Length	m			1	
Fibre Termination				FC/APC	
Operating Temperature	°C			-20~60	
Storage Temperature	°C			-30~70	



**Product outline drawing:
(mm)**

