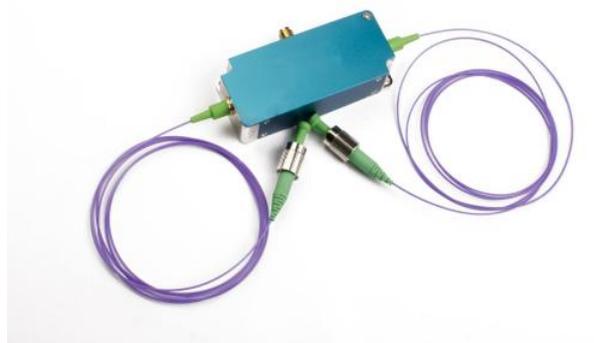


**Product name**

Fiber acoustooptic modulator

**Product model**

customized

**Product overview**

Optical modulator is a kind of photoelectric product that uses the principle of acousto-optic interaction to modulate the amplitude of laser beam and shift the frequency

**Performance characteristics**

- High frequency stability
- Low insertion loss
- High extinction ratio
- Small size
- High temperature stability and reliability

## Fiber acoustooptic modulator

Wavelength (nm)	Shift frequency (MHz)	Insertion loss (dB)	On - off extinction ratio (dB)	Rise time(ns)	Polarization extinction ratio (dB)	Driving power (W)	Fiber	Package
450-600	40-80	<3	>50	≈300	>20	<0.3	PM	FA/FH/FC
	80-150	<3	>50	<50	>20/-	<1	PM/SM	FA/FH/FC
	150-200	<3	>50	15-20	>20/-	<1		FA/FH/FC
	200-300	<3.5	>50	6-15	>20/-	<1.5		FA/FH/FC
600-750	20-60	<3	>50	≈300	>20	<0.3	PM	FA/FH/FC
	60-150	<3	>50	<50	>20/-	<1	PM/SM	FA/FH/FC
	150-200	<3	>50	15-20	>20/-	<1		FA/FH/FC
	200-300	<3.5	>50	6-15	>20/-	<1.5		FA/FH/FC
700-900	20-60	<3	>50	≈300	>20	<0.3	PM	FA/FH/FC
	60-150	<3	>50	<50	>20/-	<1	PM/SM	FA/FH/FC
	150-200	<3	>50	10-20	>20/-	<1		FA/FH/FC
	200-300	<3.5	>50	8-15	>20/-	<1.5		FA/FH/FC
	800-1500	<10	>50	<10	>20/-	<2	PM	FA
900-1100	20-60	<2.5	>50	≈300	>20	<0.5	PM	FA/FH/FC
	80-120	<2.5	>50	<50	>20/-	<1.5	PM/SM	FA/FH/FC/FG
	150-200	<2.5	>50	10-20	>20/-	<1.5		FA/FH/FC/FG

	200-300	<3	>50	10-15	>20/-	<1.5		FA/FH/FC
		<2.5	>50	7-10	>20	<1.0	PM	FA/FH/FC
	300-400	<3	>50	5-8	>20	<1.0	PM	FA/FH/FC
1200-1400	20-60	<2.5	>50	≈300	>20	<0.5	PM	FA/FH/FC
	60-150	<2.5	>50	<50	>20/-	<2	PM/SM	FA/FH/FC
	40-150	<3	>50	<70	>20/-	<0.3		FA/FH/FC
	150-200	<3	>50	15-20	>20/-	<2		FA/FH/FC
		<3	>50	20-40	>20/-	<0.2	FA/FH/FC	
	200-300	<5	>50	8-15	>20/-	<2	FA/FH/FC	
		<3	>50	8-10	>20	<1	PM	FA/FH/FC
300-400	<4	>50	6-8	>20	<1.5	PM	FA/FH/FC	
1500-1700	20-40	<2.5	>50	≈300	>20	<0.5	PM	FA/FH/FC
	40-160	<3	>50	20-60	>20/-	<2	PM/SM	FA/FH/FC
		<3	>50	<70	>20/-	<0.2		FA/FH/FC
	150-200	<5	>50	10-20	>20/-	<2		FA/FH/FC
	200-300	<7	>50	8-12	>20/-	<2	FA/FH/FC	
		<3	>50	8-10	>20	<2	PM	FA/FH/FC
300-400	<4	>50	6-8	>20	<2.5	PM	FA/FH/FC	
1900-2200	40-160	<3	>50	20-60	>20/-	<0.3	PM/SM	FA/FH/FC
	150-200	<3	>50	10-20	>20	<2	PM	FA/FH/FC
	200-300	<5	>50	8-10	>20	<2.5	PM	FA/FH/FC