Product name

Fiber acoustooptic modulator

Product model

customized

Product overview

Spatial light 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

Spatial light modulator

Wavelength (nm)	Center frequency (MHz)	Polarization state of input light	Optical aperture (mm)	Diffraction efficiency (%)	1dB relative bandwidth(%)	Rise time of light pulse ns/mm	Drive power (W)	Package
260-420	100-150	⊥	≤2	>80	10/30	120	≤5	QP1
	150-200	⊥	≤1	>80	10/30	120	≤2	TA
	200-300	⊥	≤0.5	>80	10/30	120	≤2	TA
400-1100	40-110	//	≤2	>80	-	1000	≤1	PA
400-900	80-150	arbitrarily	≤2	>80	10/40	160	≤3	TA/TE
	150-250	arbitrarily	≤1	>80	10/40	160	≤3	TA
	250-350	arbitrarily	≤0.5	>80	10/30	160	≤2	TA
900-1100	68/80	⊥	≤4	>80	-	120	≤40	QP1/QP2/QH3
	70-150	arbitrarily	≤1.0	>80	10/30	160	≤2	TA
	150-200	arbitrarily	≤0.5	>70	20	160	≤2	TA
	200-300	arbitrarily	≤0.3	>70	20	160	≤2	TA
1100-1700	70-150	arbitrarily	≤1.0	>70	20	160	≤3	TA
	150-200	arbitrarily	≤0.5	>70	20	160	≤3	TA
	200-300	arbitrarily	≤0.2	>60	20	160	≤3	TA
2000	40-80	⊥	1-3	≥65	-	120	≤50	QC/QB/QI
3000-5000	60-80	//	≤8	> 90	-	120	≤20	TH/TI
9000-11000	40-80	//	≤8	> 90	-	120	≤60	TH

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