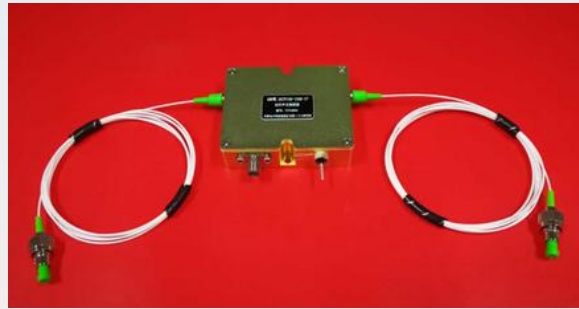


Product:

Integrated PM fiber coupled AOM

Introduction:

Acousto-optic modulator is one of the optic-electricity devices based on acoustic-optic effect, modulating the optic signals or shifting frequency with electricity controlling by manufacturing acousto-optic devices.



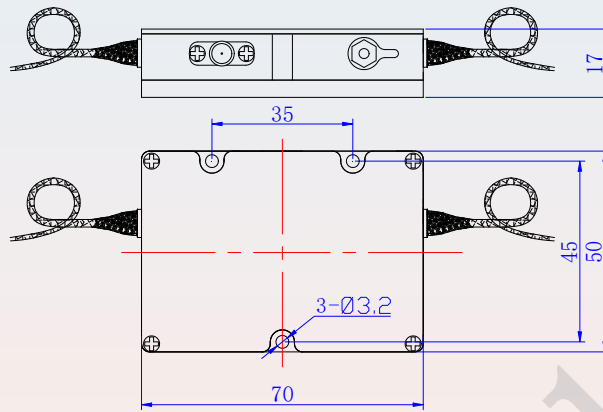
Key Features:

- Fast modulation speed
- Low insertion loss
- High extinction ratio
- Small volume
- Good temperature stability and reliability

General Specifications:

Parameters	Unit	Type: SGXFXXX-XXXX-1TP-ab (X- "Y" represents for function of shifting frequency, "T" represents for function of modulating ; XXX-represents for Center frequency ; XXXX-represents for operating wavelength; "a" - "1" represents for 24V power supplies, "2" represents for 12V power supplies, "b" : "D" - represents for digital modulate, "D" - represents for analog modulate.)		
		SGTF40-1550-1TP-2D	SGTF150-1550-1TP-2A	SGTF200-1550-1TP-1D
Optical Material	-	氧化碲		
Wavelength	nm	1550		
Frequency shift	MHz	40	150	200
Frequency stability	ppm	1	100	100
Light tolerance	W	≤0.5		
IL	dB	≤2.5	≤4.0	≤6.0
Rise time	ns	55	20	10
ER	dB	50	45	45
PER	dB	≥18		
Driving power	W	≤2		
power supplies	V	12	12	24
Fiber	-	PM1550		
Fiber optic joint	-	FC/APC		
RF input joint	-	SMA		
Package Specification	-	FC		

Outline dimension:



Package Specification: FC