

Product:

PM fiber coupled AOM

Type:

SGTF150-1550-1P

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.

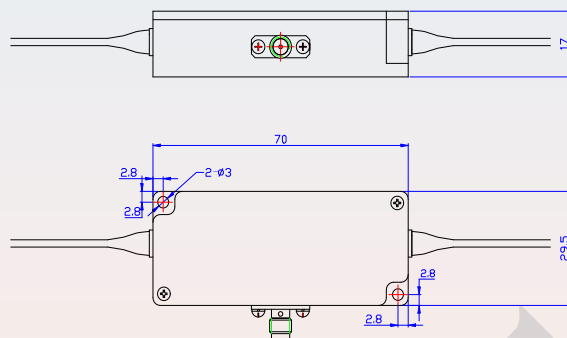
**Key Features:**

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

General Specifications:

Parameters	Unit	Min	Typical	Max	Remarks
Optical Material	TeO ₂				
Wavelength	nm	1520	1550	1580	—
IL	dB	2.5	3.5	4.5	—
ER	dB	45	—	—	—
PER	dB	18	22	—	—
Rise time	ns	15	20	25	—
Frequency shift	MHz	—	150	—	—
Driving power	W	0.5	1.5	2.0	—
Light tolerance	W	—	—	1	—
Peak light tolerance	kW	—	—	1	—
Fiber length	m	1	1.2	—	—
Fiber optic joint	FC/APC				
Fiber	PM1550				
Package Specification	FA				
RF driver recommended	SGT150-02-N-1D				

Outline dimension:



Package Specification: FA