

**Product:**

Fiber Coupled Acousto-Optic Modulator

**Model:**

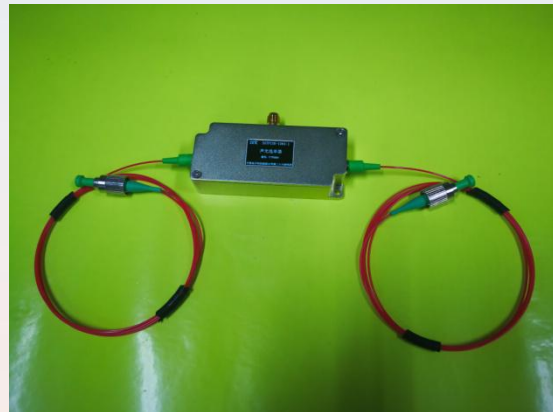
SGTF200-1650-1

**Applications:**

- Fiber laser
- Pulse picker
- Frequency shift
- Optical sensing

**Key Features:**

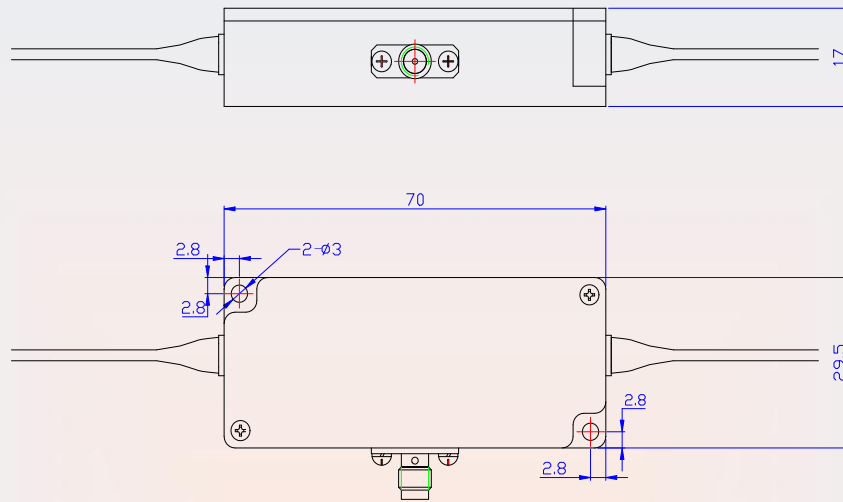
- High modulation speed
- Low insertion loss
- Low consumed power
- Superior temperature stability and reliability



**General Specifications:**

Parameter	Unit	Min	Typical	Max	Comments
Interaction material	Tellurium dioxide				
Wavelength	nm	1620	1650	1080	-
Insertion loss	dB	3.5	5	6	-
Polarization dependent loss	dB	-	0.3	0.5	
Extinction ratio	dB	45	-	-	
Polarization Extinction ratio	dB	-	-	-	
Rise-time/fall-time (10% - 90%)	ns	8	10	12	
Frequency shift	MHz		200		
RF power	W	1	2.0@200ns/100KHz	10	-
Average optical power handling	W	-	-	1	-
Peak optical power handling	kW	-	-	1	-
Fiber length	m	1	1.2	-	
Fiber connector	FC/APC				
Fiber type	SMF28e				
Housing	FA				

Outline drawing:



FA