

Product:

Fiber Coupled Acousto-Optic Modulator

Model:

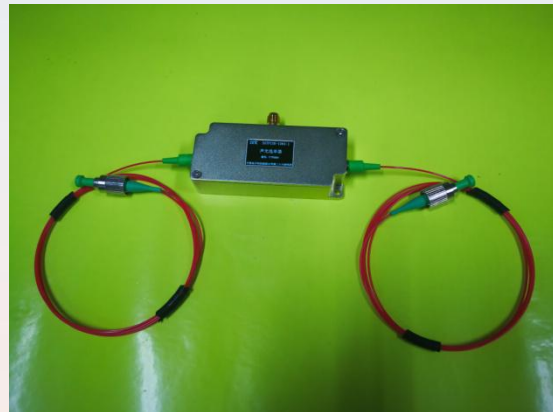
SGTF100-780-1

Applications:

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

Key Features:

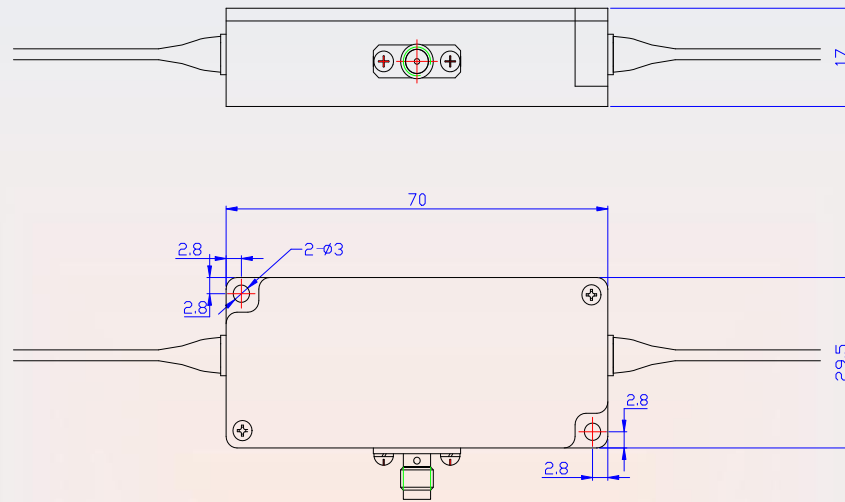
- High modulation speed
- Low insertion loss
- Low consumed power
- Superior temperature stability and reliability



General Specifications:

Parameter	Unit	Min	Typical	Max	Comments
Interaction material	Tellurium dioxide				
Wavelength	nm	-	780	-	-
Insertion loss	dB	1	2	2.5	-
Polarization dependent loss	dB	-	0.3	0.5	-
Extinction ratio	dB	45	-	-	-
Polarization Extinction ratio	dB	-	-	-	-
Rise-time/fall-time (10% - 90%)	ns	35	40	45	-
Frequency shift	MHz	-	100	-	-
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	780HP				
Housing	FA				

Outline drawing:



FA