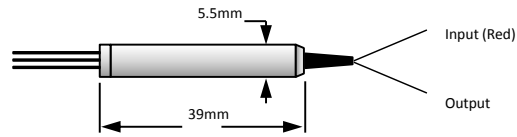


## MEMS VOA 980nm

The 980nm MEMS Variable Optical Attenuator (MEMS VOA) utilizes advanced Micro-Electro-Mechanical System (MEMS) technology to achieve desired optical attenuation. It's based on a MEMS chip, which consists of an movable mirror on a silicon. A voltage applied to the MEMS chip makes the mirror to rotate, which alters the coupling efficiency of light passing through the MEMS VOA. It can be configured as bright or dark devices.



### Features

- Compact Size
- Telcordia-GR-1221 Compliant
- High Reliability
- Wide Attenuation Range

### Applications

- Optical Path Power Balance
- Test & Measurement
- Lab and Research
- Modulators

### Performance Specification

Parameter	Value	Unit
Center Wavelength	980	nm
Bandwidth	±10	nm
Attenuation Type	Bright or Dark	dB
Min. Attenuation Range	20, 30, or 40	dB
Max. Insertion Loss	0.8	dB
Max. WDL @ 10dB Att.	0.4	dB
Max. PDL @ 10dB Att.	0.2	dB
Min. Return Loss	45	dB
Max. Response Time	5 (0.8 is available upon request)	ms
Max. Optical Power (CW)	600	mW
Driving Voltage	5, 6, 7, 10, 12, 14, 15 or customized	VDC
Max. Driving Power	5	μW
Fiber Type	HI1060 Fiber	
Operating Temperature	-5 to +70	°C
Operating Temperature	-40 to +85	°C

### Note

\* Above data are for devices without connectors.  
\* For other type MEMS VOA please contact OF-LINK for details.

### Ordering Information

#### MSVOA-AAA-BB-CC-D-E-FF-GG

AAA	BB	CC	D	E	FF	GG
Wavelength	Attenuation Range	Driving Voltage	Attenuation Type	Fiber Jacket	Fiber Length	Connector
980 - 980nm	20 - 20dB	05 - 5V	B - Bright	B - 250um Bare	05 - 0.5m	NE - None
SSS - Specify	30 - 30dB 40 - 40dB	06 - 6V	D - Dark	Fiber	08 - 0.8m	FA - FC/APC
		07 - 7V		L - 900um Loose	10 - 1.0m	FP - FC/PC
		10 - 10V		Tube	15 - 1.5m	SA - SC/APC
		12 - 12V			SS - Specify	SP - SC/PC
		17 - 17V				LA - LC/APC
		SS - Specify				LP - LC/PC
					SS - Specify	