

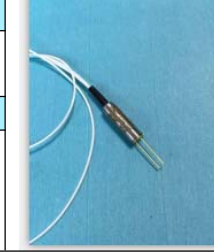
## MEMS Variable Optical Attenuator (SVOA)

### Features

Low insertion loss  
Available in both normally open and closed states

### Application

EDFA  
DWDM/CWDM networks,  
Receiver protection/switch during transmitter turn-ons



### Specifications:

Parameter	Value			
Operating Wavelength(nm)	1550	980	1064	850
Attenuation Range(dB)	≥30	≥30	≥30	≥30
Insertion Loss (dB)	≤0.7	≤0.8	≤0.8	≤1.3
PDL (dB)	≤0.1@ 0dB , ≤0.5 @20dB			
PMD (ps)	≤0.1			
Response Time(ms)	≤5			
WDL(dB)	≤0.3dB(0dB), 1.5dB(15~20dB)			
TDL(dB)	≤0.7 (0dB), ≤1.0(0~20dB)			
Return Loss(dB)	≥45			
Repeatability(dB)	≤0.1			
Control Voltage(V)	5 or 15			
Optical power (Mw)	≤300			
Repeatability(dB)	0.1			
Attenuation Type	Bright or Dark			
Operating Temperature(°C)	-5 ~+65			
Package Dimension(mm)	φ5.6XL16.75			

### Package Dimensions



### Ordering Information

SVOA	Type	Wavelength	Attenuation Range	Operating Voltage	Pigtail Type	Fiber Type	Length	Connector
	D=Dark B=Bright	1550=1550nm 980=980nm 1064=1064nm 850=850nm	15=15dB 30=30dB	5=5V 15=15V	0=250um bare fiber 1=900um loose tube	1=SMF-28e 4=HI1060 6=HI780	1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other