


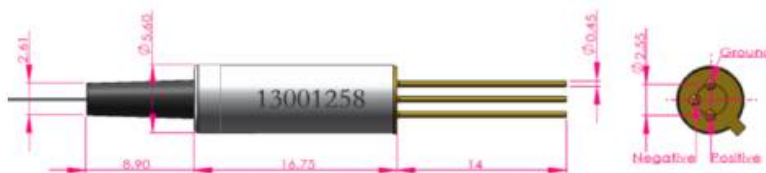
MEMS Variable Optical Attenuator (SVOA)

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	1310	980	1064	850
Attenuation Range(dB)	≥30	≥30	≥30	≥30	≥30
Insertion Loss (dB)	≤0.7	≤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