



微机械可调光衰减器



特点:

- ◆ 低插损、低偏振相关损失
- ◆ 抗冲击、振动
- ◆ 高可靠性及高稳定性

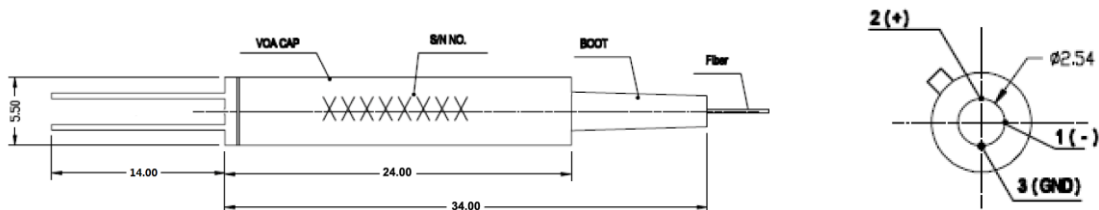
应用:

- ◆ 控制光功率及平衡光功率
- ◆ 控制EDFA增益-倾斜
- ◆ 接收器保护

规格

参数	单位	规格	
工作波长	nm	C band:1530~1570nm	L band:1570~1610nm
衰减类型	--	常开或常关	
衰减范围	dB	≥30	
插入损失	dB	≤0.7	
衰减分辨率	dB	Continuous	
偏振相关损耗	dB	≤0.1	
波长相关损失	dB	≤0.3@ 0dB , ≤1.5 @20dB	
温度相关损失 (与室温比对)	dB	≤0.7@ 0dB , ≤1.0 @20dB	
回波损失	dB	≥45	
光纤型号	--	单模光纤, 保偏光纤	
响应时间 (10-90%optical power)	ms	≤3	
驱动电压极限	V	6.5V	
驱动功率	mW	≤2	
承载功率	mW	≤500	
工作温度	℃	-0~+70	
存储温度	℃	-40~+85	
封装尺寸	mm	22×Φ5.5 (L×D)	

备注: 以上所有参数不含光纤连接器



订购信息

MVOA	-	x	x	xx	x	xx	x	-	x	x
		wavelength	Att. Type	Drive Voltage	Fiber Type	Pigtail Length	Pigtail Type		Input	output
		1=850nm 2=1064nm 3=1310nm 4=1550nm X=Customized	B=Bright D=Dark	05=5V 15=15v	1=SMF-28 2=HI 1060 3=MM50/125 4=MM60/125 X=Customized	05=0.5m 10=1.0m	B=Bare Fiber L=900um Loose Tube		0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC



MEMS Variable Optical Attenuator Device



Features:

- ◆ Low insertion loss and Low PDL
- ◆ Insensitive to Shock and Vibration
- ◆ High stability and high reliability

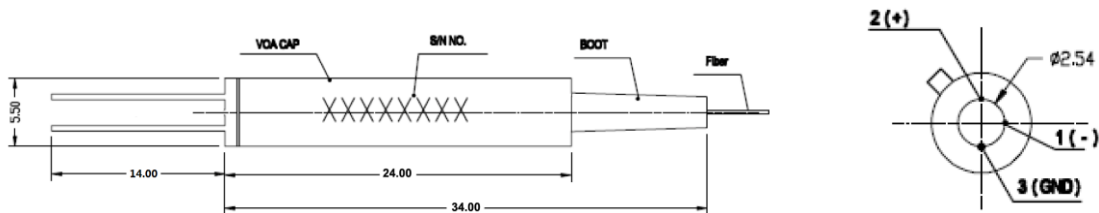
Applications:

- ◆ Power control and equalization in multi channel System
- ◆ Gain-tilt control in EDFAS
- ◆ Receiver protection

Specifications

Parameter	Unite	Value	
Wavelength Range	nm	C band:1530~1570nm	L band:1570~1610nm
Attenuation Type	--	Bright or Dark	
Attenuation Range	dB	≥30	
Insertion Loss	dB	≤0.7	
Attenuation Resolution	dB	Continuous	
PDL	dB	≤0.1	
Wavelength Dependent Loss	dB	≤0.3@ 0dB , ≤1.5 @20dB	
Temperature Dependent Loss (compare with RT)	dB	≤0.7@ 0dB , ≤1.0 @20dB	
Return Loss	dB	≥45	
Fiber Type	--	SM, PM fiber	
Response Time (10-90%optical power)	ms	≤3	
Driving Voltage	V	6.5V	
Driving Power	mW	≤2	
Maximum Optical Power	mW	≤500	
Operating Temperature	°C	-0~+70	
Storage Temperature	°C	-40~+85	
Package Dimensions	mm	22×Φ5.5 (L×D)	

Notes: specified without connectors



Ordering information

MVOA	-	x	x	xx	x	xx	x	-	x	x
		wavelength	Att. Type	Drive Voltage	Fiber Type	Pigtail Length	Pigtail Type		Input	output
		1=850nm 2=1064nm 3=1310nm 4=1550nm X=Customized	B=Bright D=Dark	05=5V 15=15	1=SMF-28 2=HI 1060 3=MM50/125 4=MM60/125 X=Customized	05=0.5m 10=1.0m	B=Bare Fiber L=900um Loose Tube		0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC