Micro Electronic Mechanical System Variable Optical Attenuator

Features

Low Insertion Loss
Excellent Environmental Stability
Insensitive to Shock and Vibration

Applications

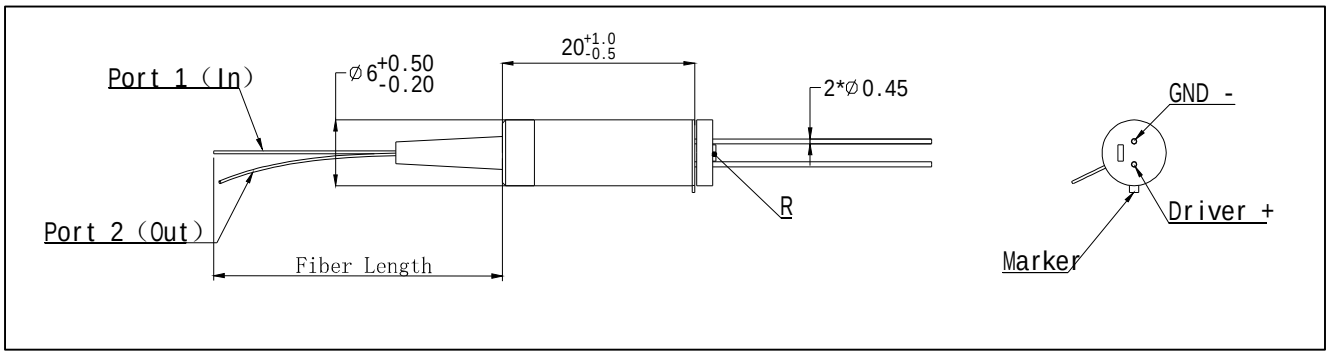
Fiber Optic Instruments
Power Control and Equalization in Multi Channel System
Gain-tilt Control in EDFAS
Receiver Protection

Specifications

Parameters	Unit	Values
Operating Wavelength Range	nm	1310±20 or 1550±20 or 1590±20 or 2000±50
Max.Insertion Loss	dB	0.9
Attenuation Resolution	-	Continuous
Max.Polarization Dependent Loss（For SM Fiber）	dB	0.2 @ 0 dB Attenuation
Min.Extinction Ratio（For PM Fiber）	dB	20 @ 0 dB Attenuation
Temperature Dependent Loss (Compare with RT）	dB	≤0.35@ 0dB , ≤1.0 @20dB
Min.Return Loss	dB	50
Fiber Type	-	G652D/ PM1310 /PM1550 / PM1950 or Specify
Response Time	ms	2
Max.Optical Power	mW	300
Max. Tensile Load	N	5
Operating Temperature	℃	-5 to +70
Storage Temperature	℃	-40 to +85

*Above specifications are for device without connector.
*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.
*The PM fiber and the key are aligned to the slow axis.

Package Dimensions



Ordering Information

MSVOA-①①-②-③③-④④-⑤⑤-⑥⑥-⑦
PMSVOA-①①-②-③③-④④-⑤⑤-⑥⑥-⑦

①①：Center Wavelength
31 - 1310nm
55 - 1550nm
59 - 1590nm
20 - 2000nm
SS - Specify

②: Attenuation Type
B - Bright

③③:Driving Voltage
15 - 15V

④④:Max Attenuation Range
40 - 40dB
SS - Specify

⑤⑤: Connector Type on Port 1, 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥: Fiber Jacket on Port 1, 2
B - 250um Fiber
L - 900um Loose Tube
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify