

Manual Fiber Attenuator (Passthrough)

(high power, low loss, up to 10dB)

Product Description

This Manal VOA is based on creating stresses inside a continuous fiber to generate optical loss. It beneficially features high optical power handling, ultra-low optical loss in the transplant state, and ultra-broadband that preserves the fiber intrinsic transmission characters.



Performance Specifications

Parameters	Min	Typical	Max	Unit
Wavelength	300		5000	nm
Insertion Loss ^[1]	0.01	0.1	0.3	dB
Attenuation Resolution		Continuous		dB
Attenuation Range			10	dB
Polarization Dependent Loss ¹		0.02	0.1	dB
Stability ^[2]			0.5	dB
Return Loss	60			dB
Power Handling			1	W
Operating Temperature		-10 ~ 70		°C
Storage Temperature		-40 ~ 85		°C

Notes:

[1] Measure with CPR<14 laser source and excluding connectors

[2] Measured at 10dB attenuation

Features

- Low Loss
- Broadband
- High Power
- All Fiber Types

Applications

- Instrument
- Laboratory
- High Power Fiber
- Lasers

Dimensions (Unit: mm)

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

MVOA-	5 5	1	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Configuration	Type	Test Wavelength*	Fiber type		Fiber Length	Connector	
	Normally Open=1	450 = 4 532 = 5 630 = 6 780 = 7 850 = 8 980 = 9 1060 = 1 1310 = 3 1550 = C 2000 = 2 Special = 0	Select from the table below	Bare fiber=1 900um tube=3 3mm tube -4 Special=0	0.25m=1 0.5m=2 1.0m=3 Special=0	None=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC/UPC=7 Special=0	

*The device is ultra-broadband limited by the fiber transmission.

01	SMF-28	34	PM1550	71	GIF 50/125μm
02	SMF-28e	35	PM1950	72	GIF 62.5 μm
03	Corning XB	36	PM1310	73	106/125μm
04	SM450	37	PM400	74	FG105LCA
05	SM2000	38	PM480	75	FG50LGA
06	SM600	39	PM630	76	STP 50/125
07	Hi780	40	PM850		
08	SM800	41	PM980		
09	Hi980	42	PM780		
10	Hi1060	43	PM350		
11		44	PM405		
12					