

Manual Fiber Optical Variable Attenuator - Fiber-Fiber™

(Patent pending)

Product Description

The **Fiber-Fiber™** series Manal VOA is based on fiber to fiber coupling with a micro self align technology, featuring ultra-low loss, broadband, high power, compact size, and low cost. It can accommodate to all type of fibers.



Performance Specifications

Fiber-Fiber™ series VOA	Min	Typical	Max	Unit
Wavelength	180 ^[1]		2000	nm
Band Width	Broad band without coating			
Insertion Loss ^[2]		0.1	0.4	dB
Attenuation Resolution		Continuous		dB
Attenuation Range		60	70	dB
Return Loss		50	60 ^[3]	dB
Power Handling		500	1000	mW
Operating Temperature		-40 ~ 70		°C
Storage Temperature		-40 ~ 85		°C

Notes:

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

[3] Single Mode, For Multimode, return loss relates to laser condition

Features

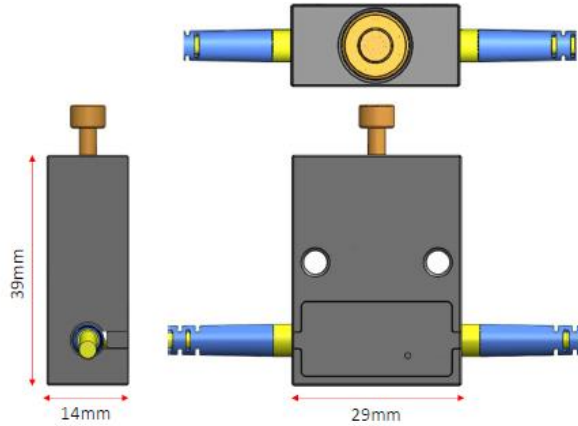
- Low Insertion Loss
- High Reliability
- Low Cost
- Low power consumption
- Super compact

Applications

- Dynamic gain equalization
- Variable MUX/DeMUX
- Instrumentation

MEMS VOA Fiber-Fiber™

Mechanical Dimensions-Package



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

Ordering Information

MVOA-	<input type="checkbox"/>	<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	
	Standard = 11 Special=00	Normally Open=1 Normally Closed=2	488 = 4 532 = 5 630 = 6 780 = 7 850 = 8 980 = 9 1060 = 1 1310 = 3 1550 = C 2000 = 2 Special = 0	Pick from below table	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=7 Duplex LC=8 MTP = 9 Special=0

Fiber Type Selection Table:

01	SM-28	31	PM1550	61	OM1
02	SMF-28e	32	PM1950	62	OM2
03	Corning XB	33	PM1310	63	OM3
04	SM450	34	PM400	64	OM4
05	SM2000	35	PM480	65	GIF50
06	SM600	36	PM630	66	GIF625
07	Hi780	37	PM780		
08	SM800	38	PM850	71	FG50LGA
09	Hi980	39	PM980	75	FG105LCA
10	Hi1060	43		76	
11	SM200	44		77	
12	Draka BBE	45		78	