Fix High Power Fiber Attenuator

(10W high power, SM, PM)

Features

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

Product Description

This Fix High Power VOA uniquely offers a solution for attenuators at high power.

Performance Specifications

Parameters	Min	Typical	Max	Unit
Wavelength	300		5000	nm
Attenuation Selection Step		1		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			10	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

Applications

- Instrument
- Laboratory
- High Power Fiber
- Lasers

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Dimensions (Unit: mm)

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

Ordering Information

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Prefix	Attenuation	Power	Wavelength	Fiber Type	Fiber Cover	Fiber Length	Connector *
FIOA-	1dB=01 2dB=02 ... 11dB=11 Special=00	5W = 1 10W = 2	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	900um tube=3 Bare fiber=1 Special=0	0.25m=1 0.5m=2 1.0m=3 Special=0	None=1 FC/PC5W=A FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC/UPC=7 Special=0

* FC/PC5W is a 5W connector (~$450 each). Other connectors are regular that will burn at power >1W.

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					