980~1120nm PM Manual VOA for Pulse Power

Features

- Low Excess Loss
- Various Attenuation
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Labs

Specifications

Parameter	Unit	Value	
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053 1064, 1070, 1080	1092, 1103, 1120, 1150
Bandwidth	nm	+/-20	+/-10
Max. Insertion Loss	dB	0.8	1.0
Attenuation Range	dB	0.6~30	
Resolution (<10dB attenuation)	dB	0.1	
ER (at lowest attenuation)	dB	≥18	
Optical Return Loss	dB	≥45	
Fiber Type	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)	
Fiber Tensile Load	N	5	
Max. Thru Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10	
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Max. Attenuated Average Power	W	2	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	

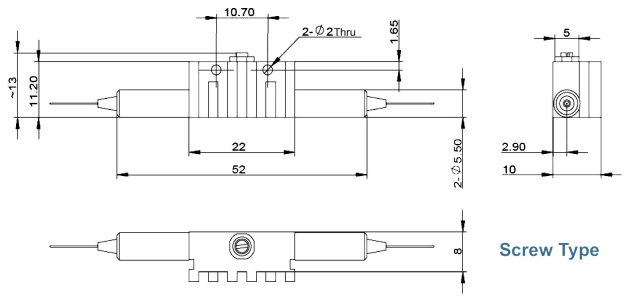
Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

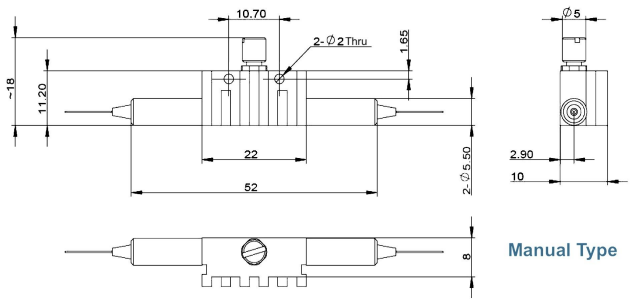
3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.

4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

Package Dimension



Screw Type



Manual Type

Ordering Information (PN)

PMAP-NNNN - (C) H NN P NN - C C NN - CC/CCC

Center Wavelength	Package	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
980=980nm	M=Manual Type	03=300mW	01=100W	2=PM980Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1030=1030nm	Blank for Screw Type	1= 1W	1= 1kW	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064=1064nm		2=2W	5= 5kW	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1120=1120nm		10=10W	10=10kW	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector