PM High Power Manual Adjustable Optical Attenuator

FEATURES

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

APPLICATIONS

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

SPECIFICATIONS
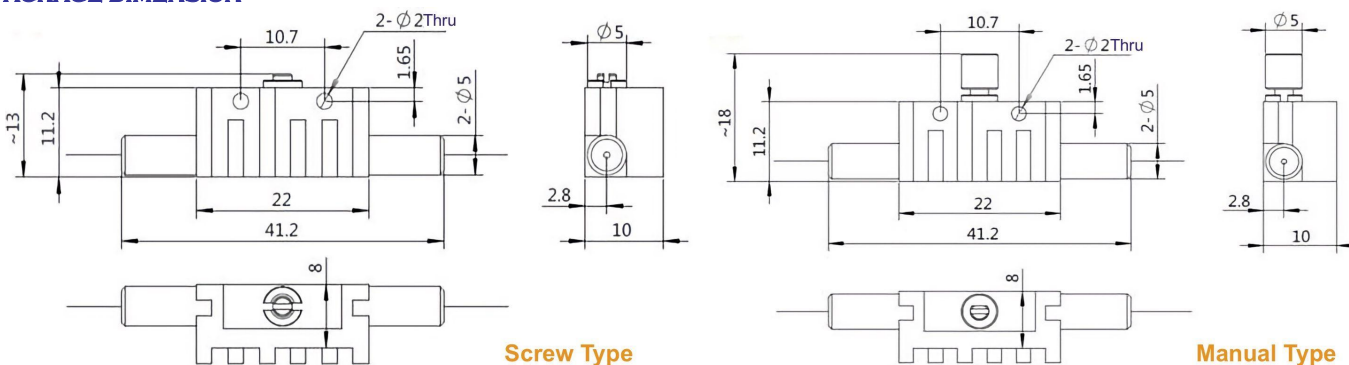
Parameter	Unit	Value
Center Wavelength	nm	1310, 1480, 1550, 1590
Bandwidth	nm	+/-20
Max. Insertion Loss	dB	0.8
Attenuation Range	dB	0.6~30
Resolution (<10dB attenuation)	dB	0.1
ER (at lowest attenuation)	dB	≥18
Optical Return Loss	dB	≥45
Fiber Type	-	PM1310/1550 Panda Fiber, 10/125um PMDC Fiber (O), 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)
Fiber Tensile Load	N	5
Max. Thru Optical Power (CW)	W	1, 2, 3, 5, 10
Max. Attenuated Optical Power (CW)	W	2
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85

Note:
1. Specifications are for device without connectors; Specifications may change without notice.
2. To add connectors, IL is 0.3dB 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)	HP NN	- C	C	NN	- CC/CCC
Center Wavelength	Package	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310=1310nm	M=Manual Type	1= 1W	2=PM1310/1550 Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1480=1480nm	Blank for Screw Type	2=2W	O=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550=1550nm		5=5W	T=12/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1590=1590nm		10=10W	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector