

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	C+L Band
Bandwidth	nm	+/-20	1525~1610
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	-	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	

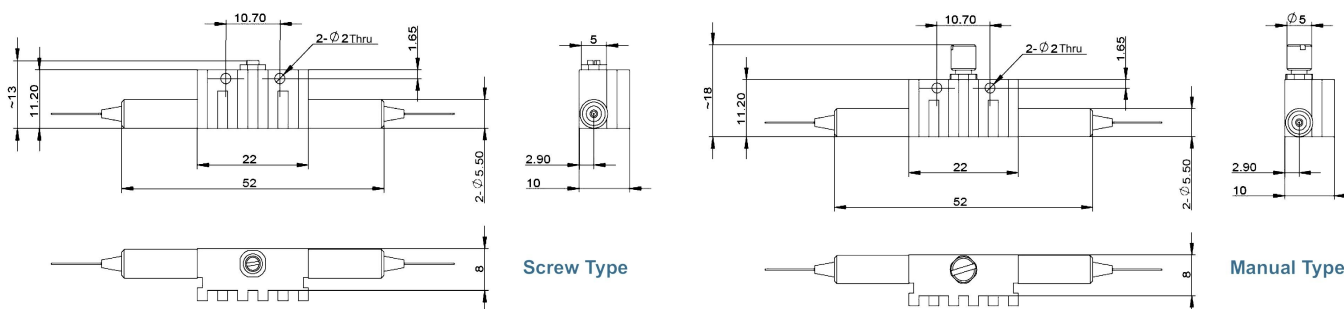
Note: 1. Specifications are for device without connectors; Specifications may change without notice.

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



ORDERING INFORMATION (PN)

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
1550~1550nm	Blank for Screw Type	2=2W	0=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1590~1590nm		5=5W	T=12/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
CL=C+L Band		10=10W	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector